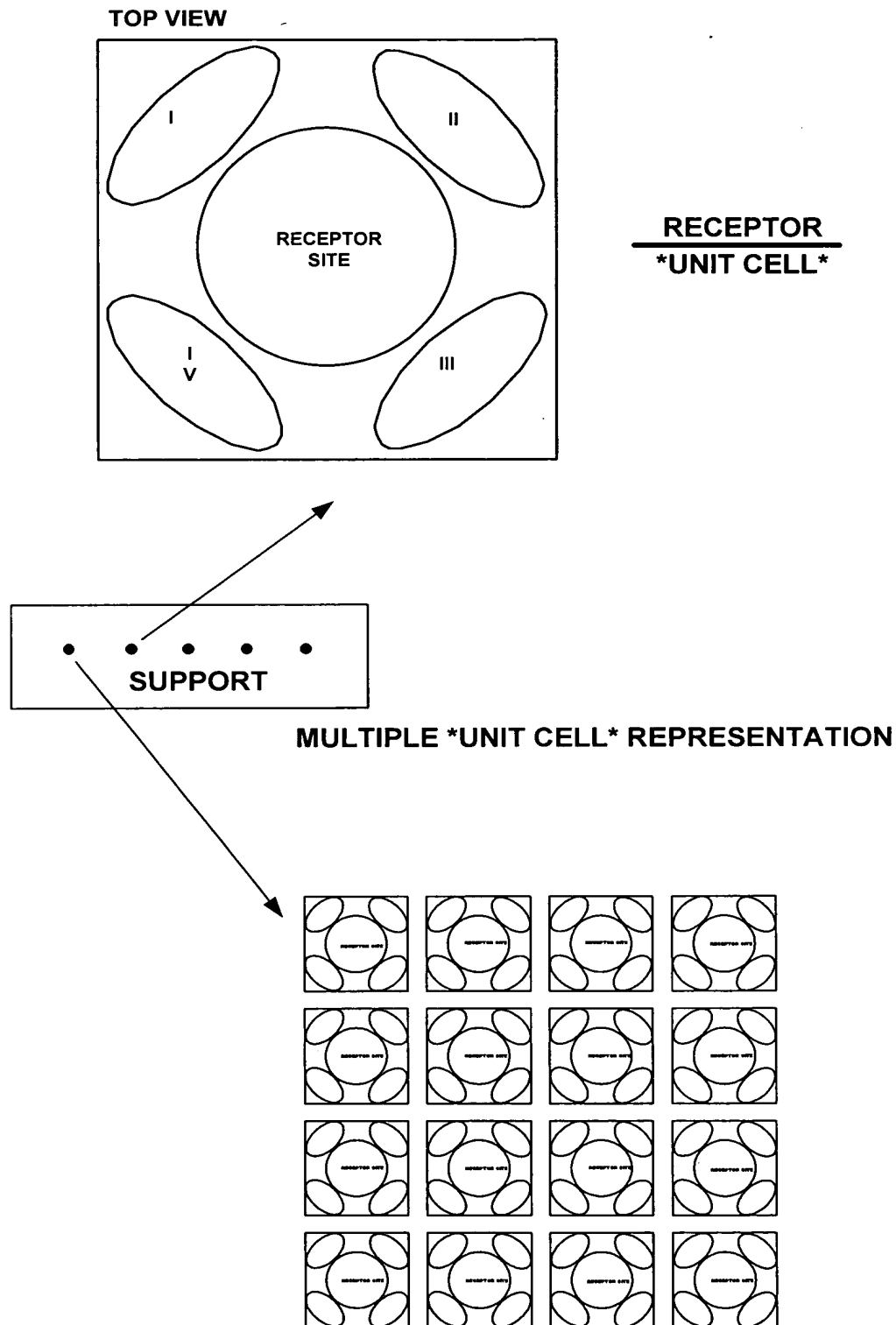




FIG.1



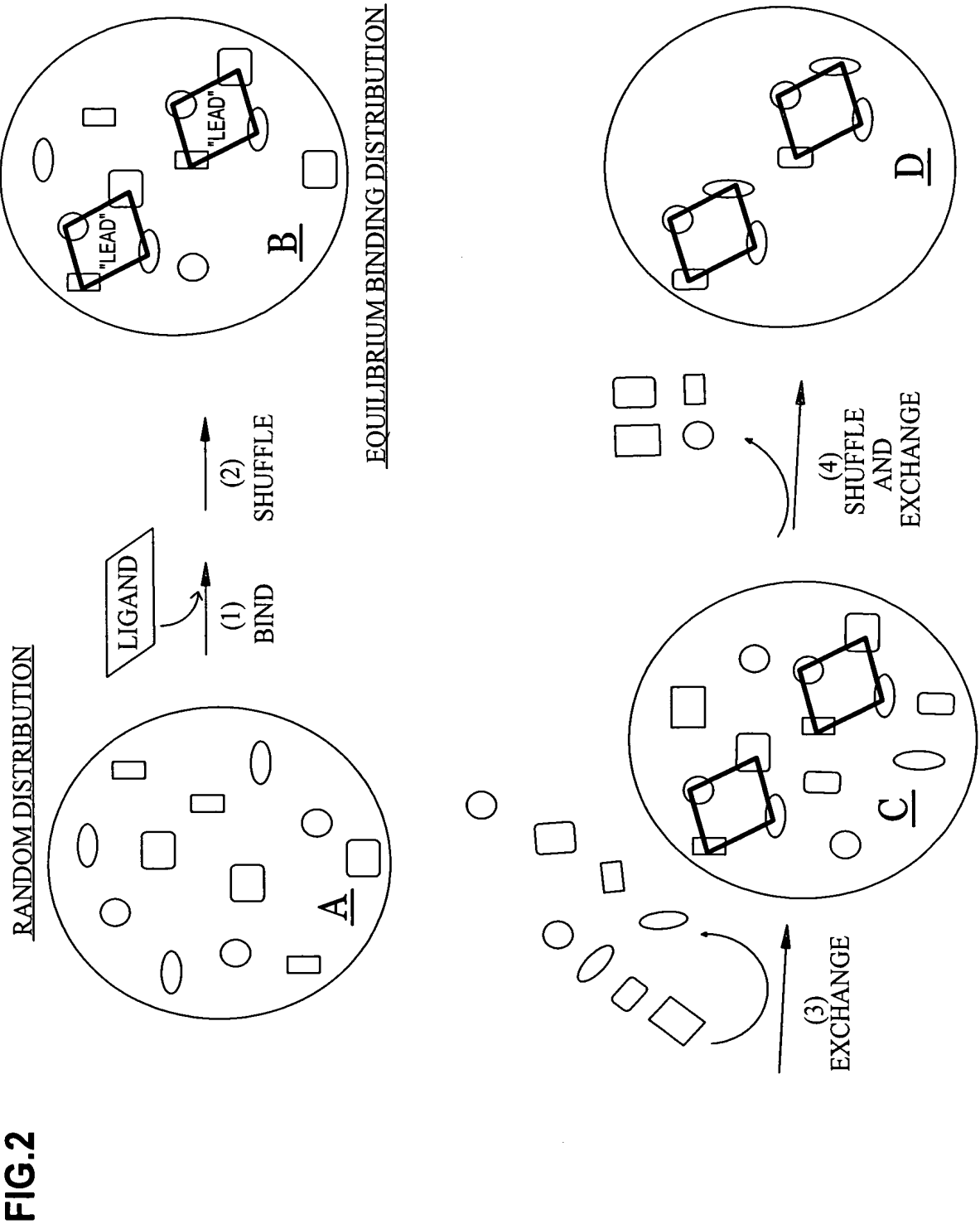


FIG.3A

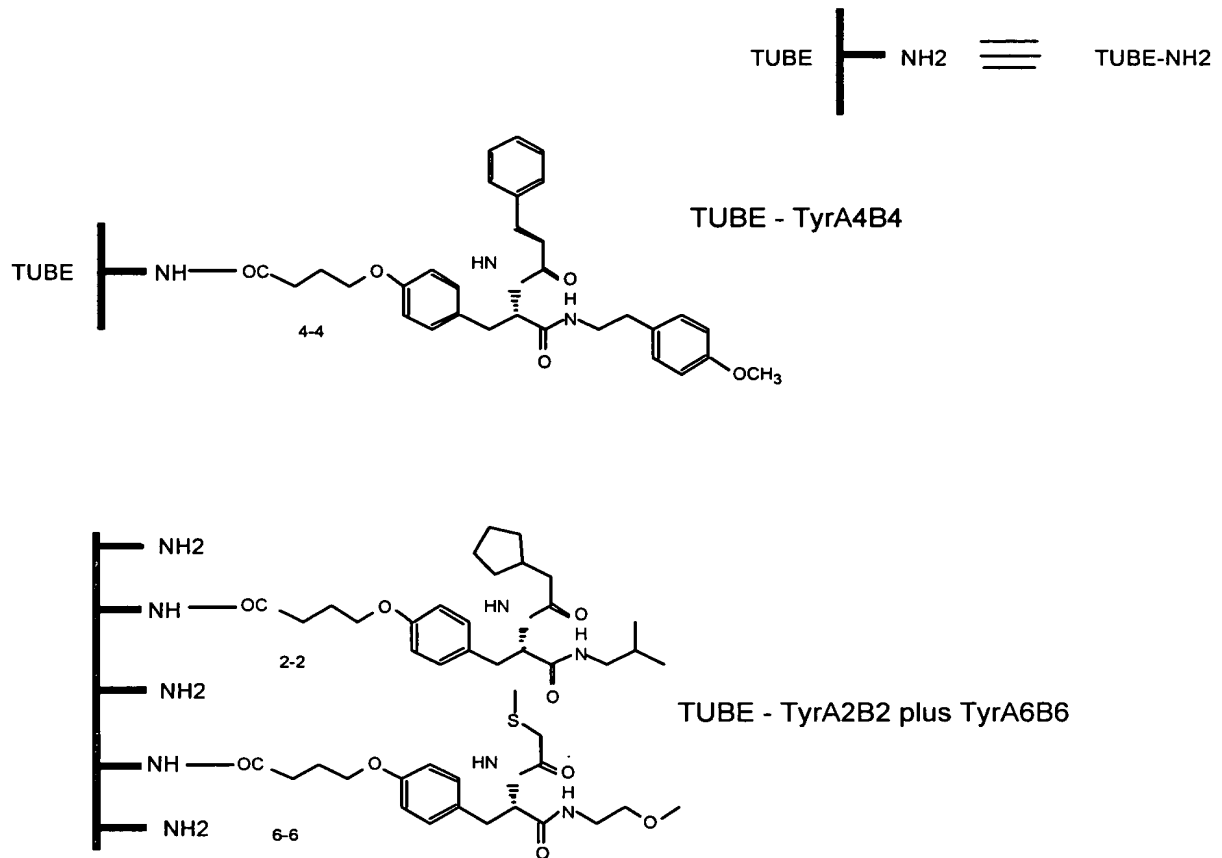


FIG.3B

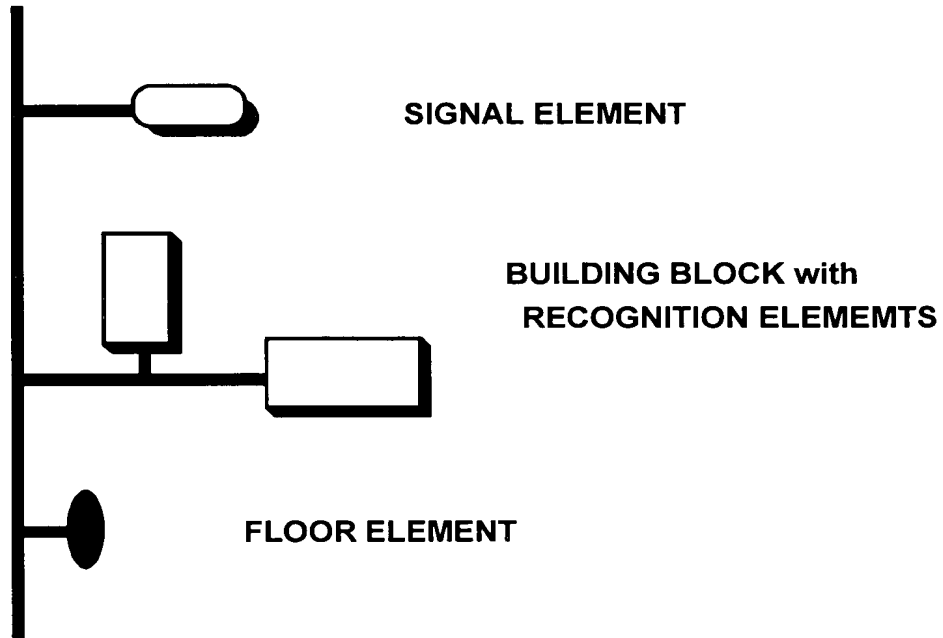


FIG.4

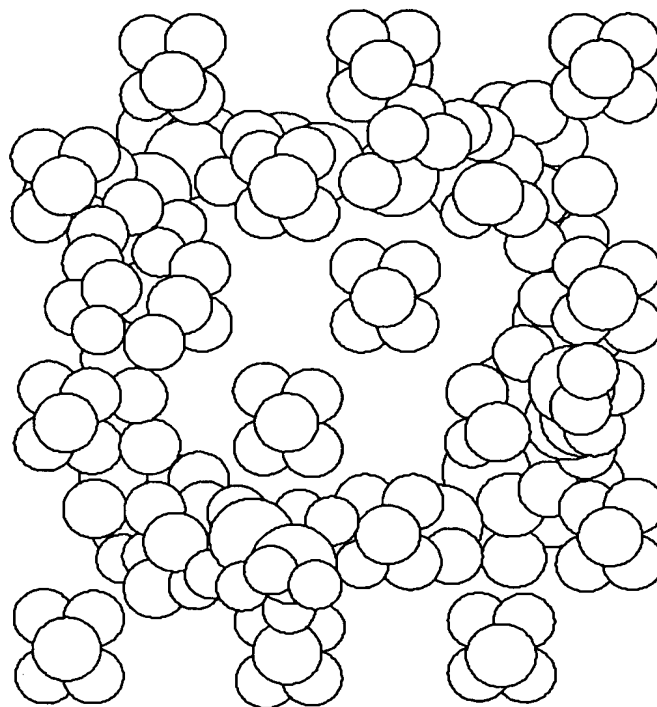


FIG.5

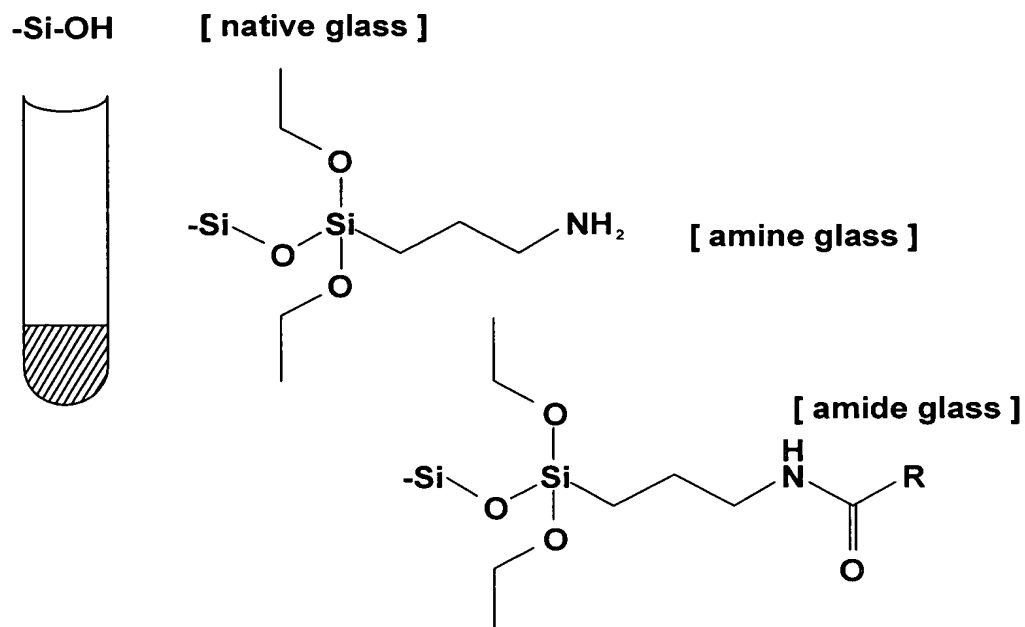


FIG.6

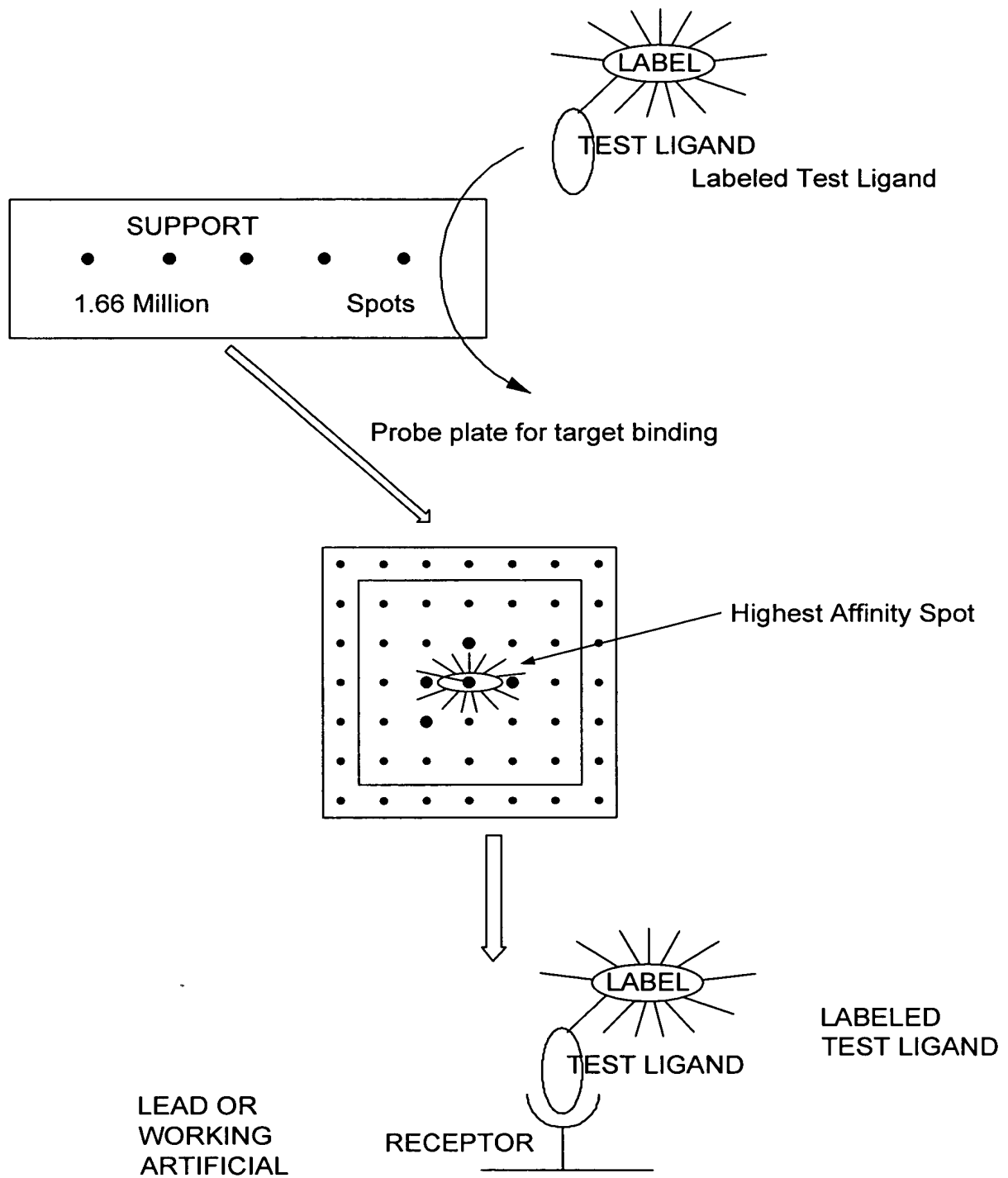
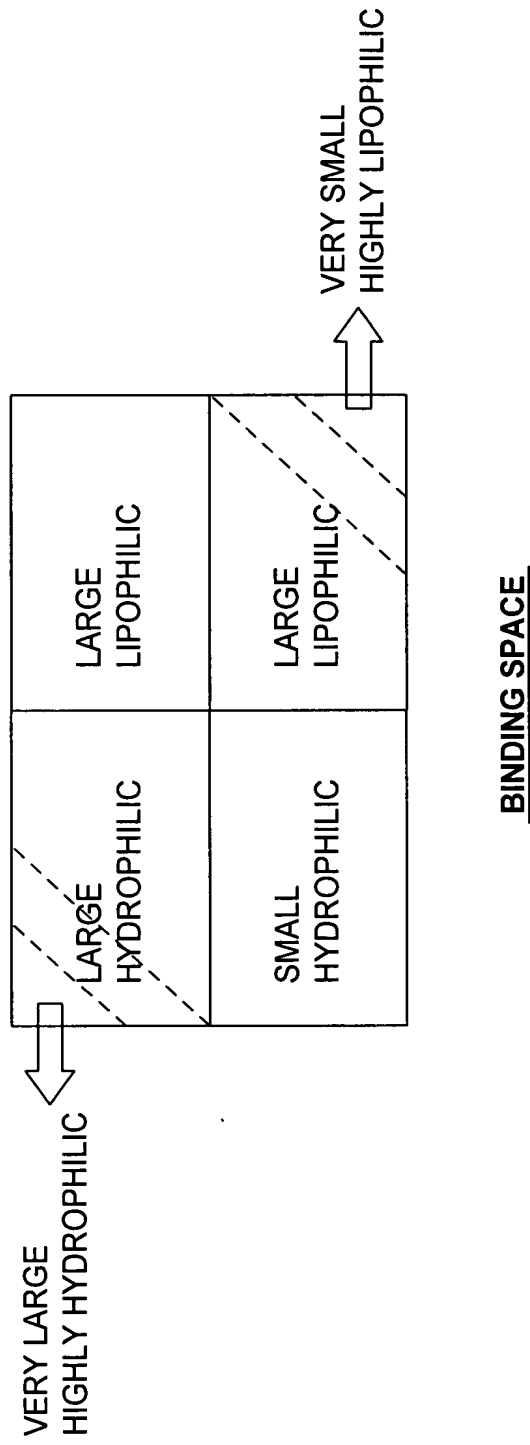
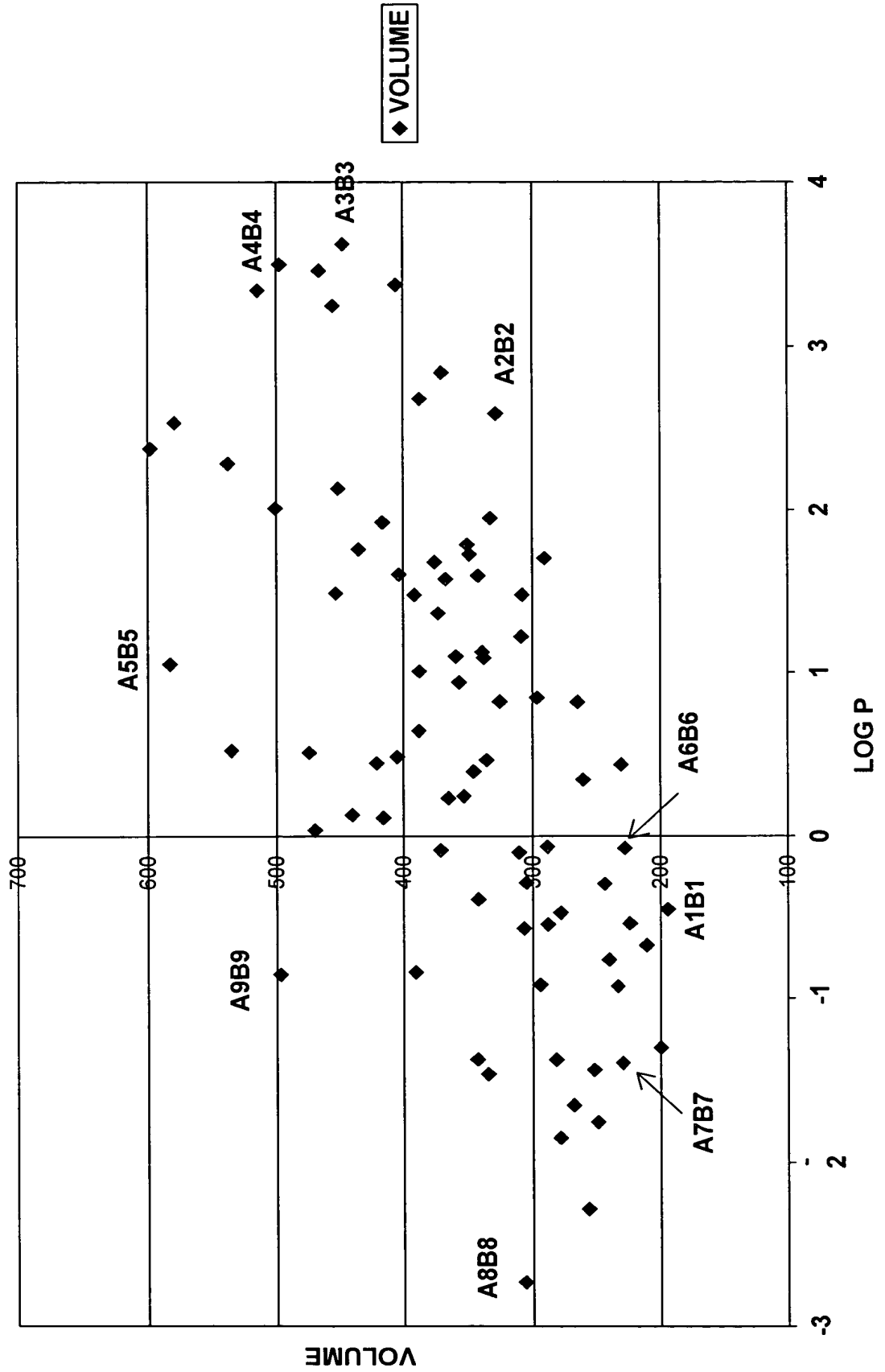


FIG.7



LOGP versus VOLUME

FIG.8



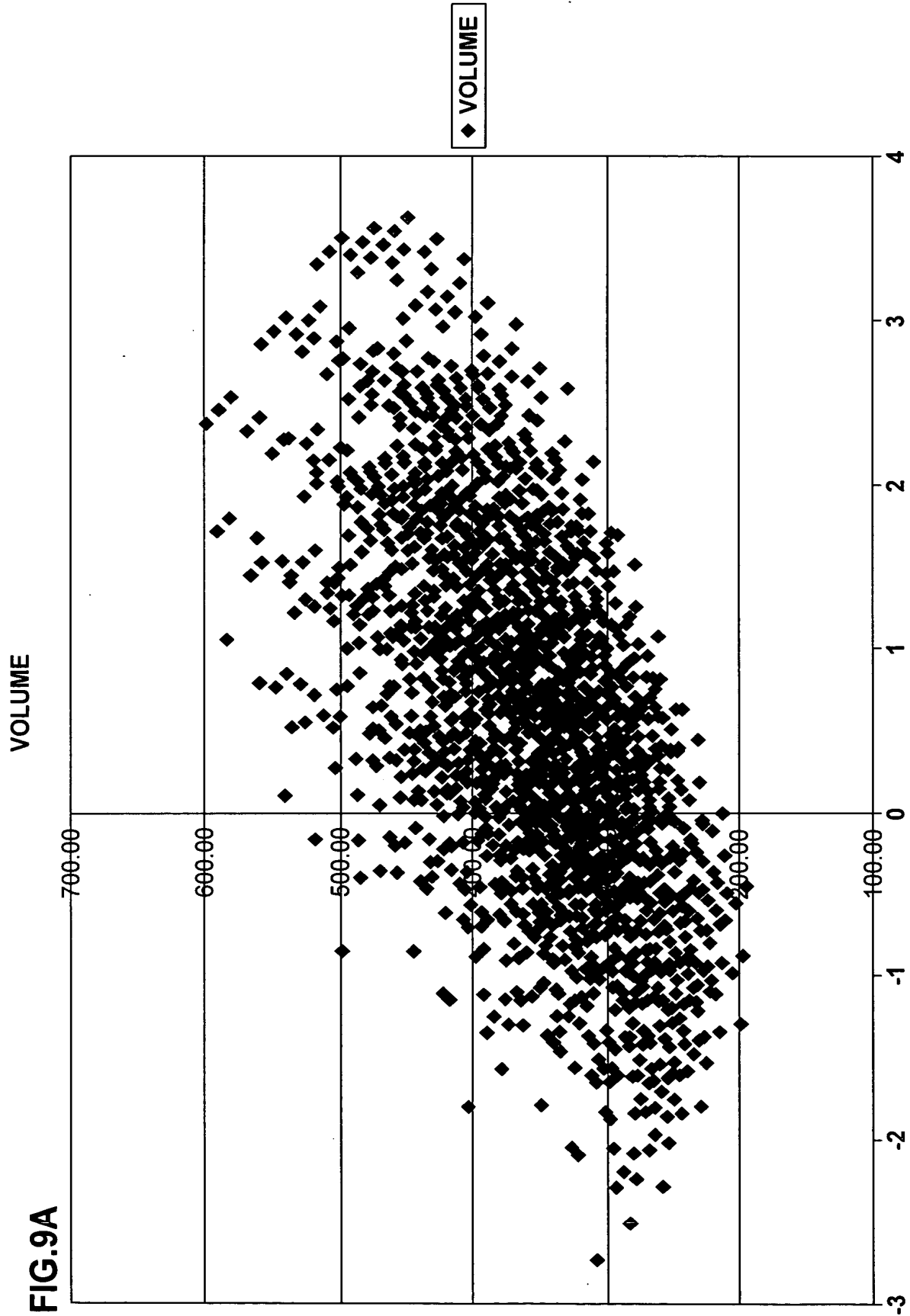
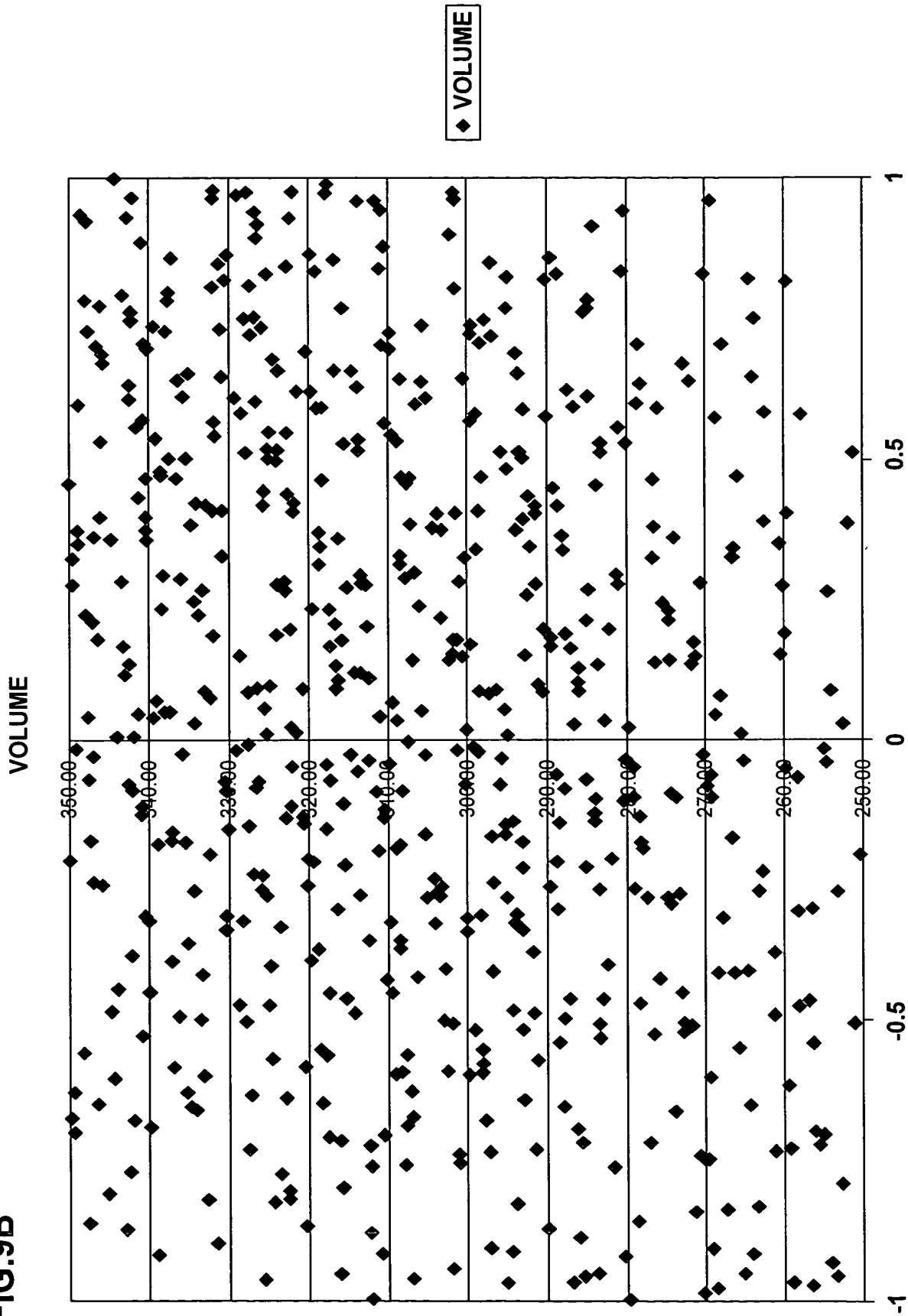


FIG.9B



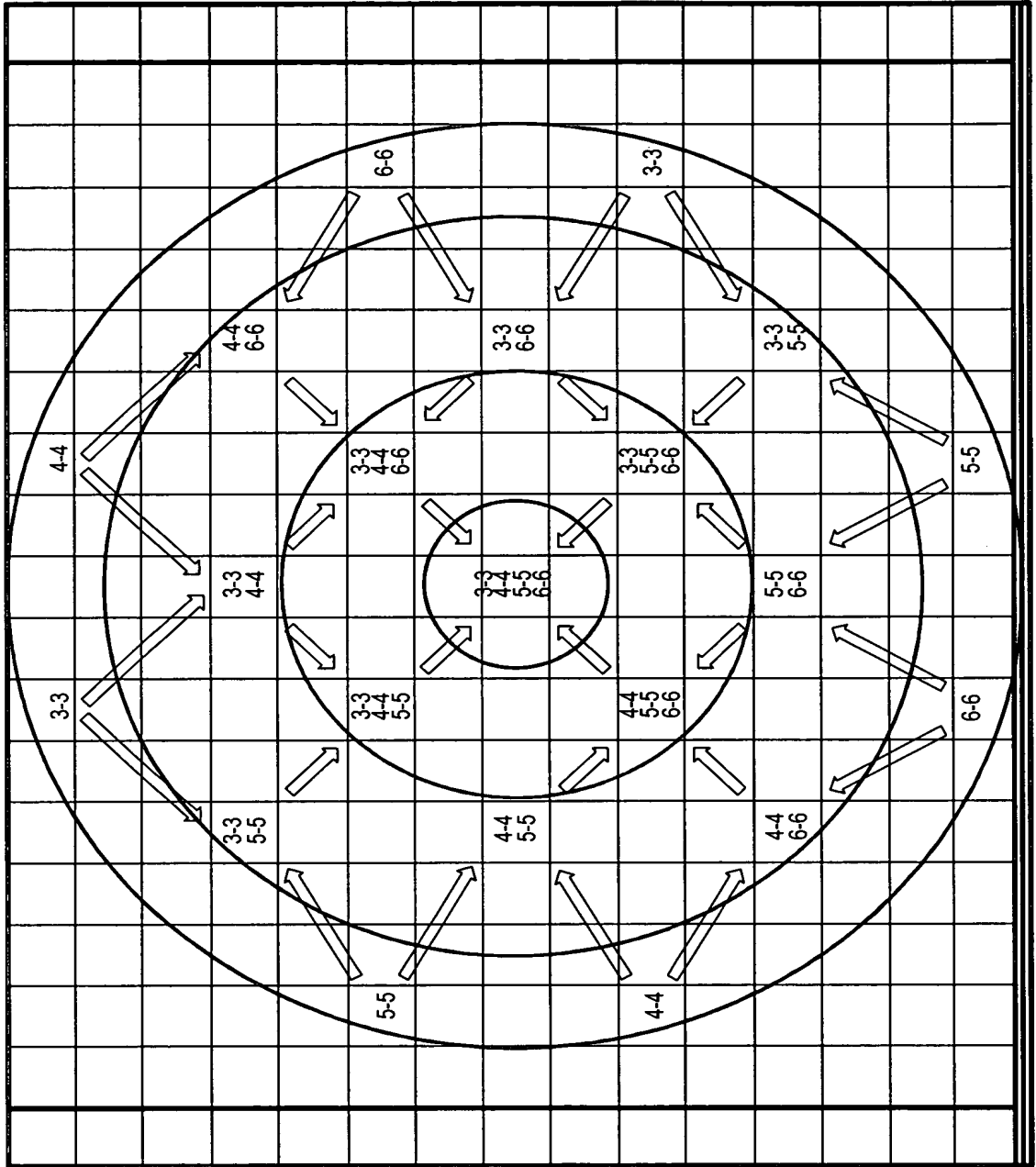


FIG.10

FIG.11

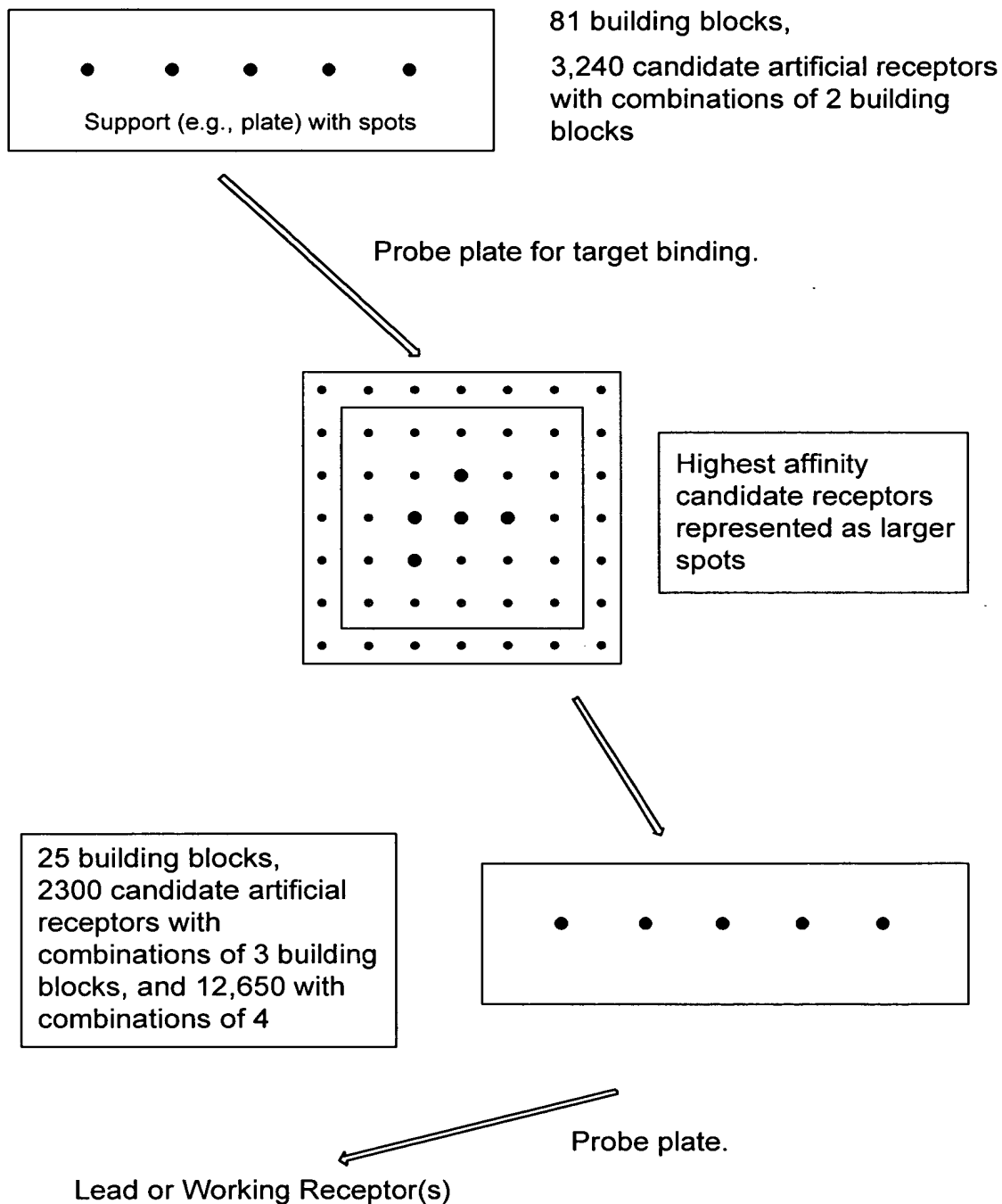
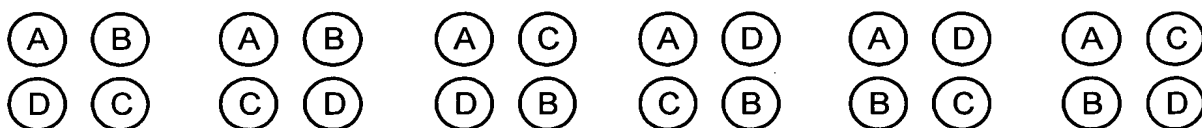
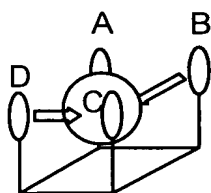


FIG.12

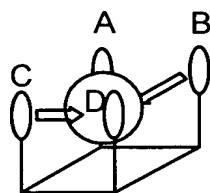
6 POSITIONAL ISOMERS OF 4 BUILDING BLOCKS AT VERTICES OF A QUADRILATERAL



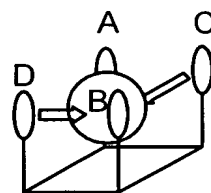
POSITIONAL ISOMERS ON A SCAFFOLD



ISOMER "1"

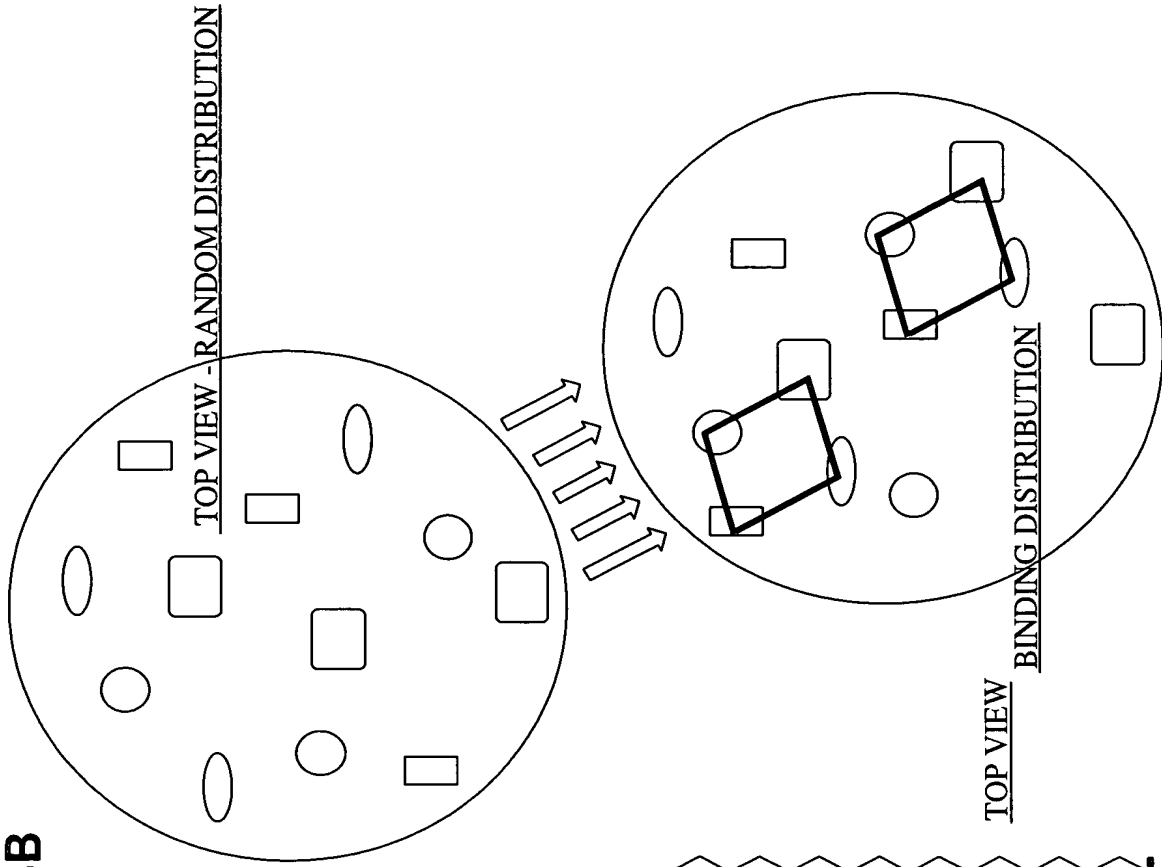


ISOMER "2"



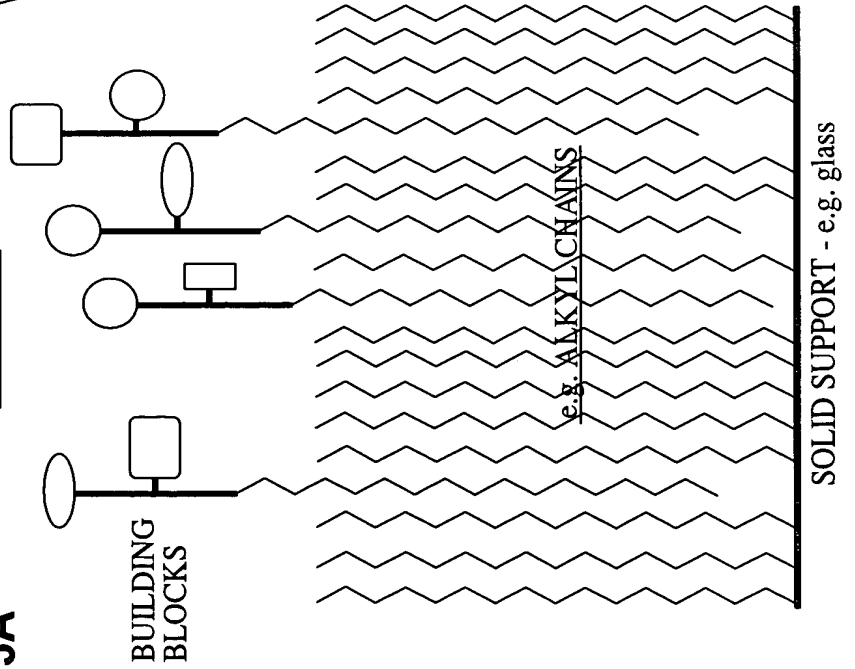
ISOMER "3"

FIG.13B



SIDE VIEW

FIG.13A



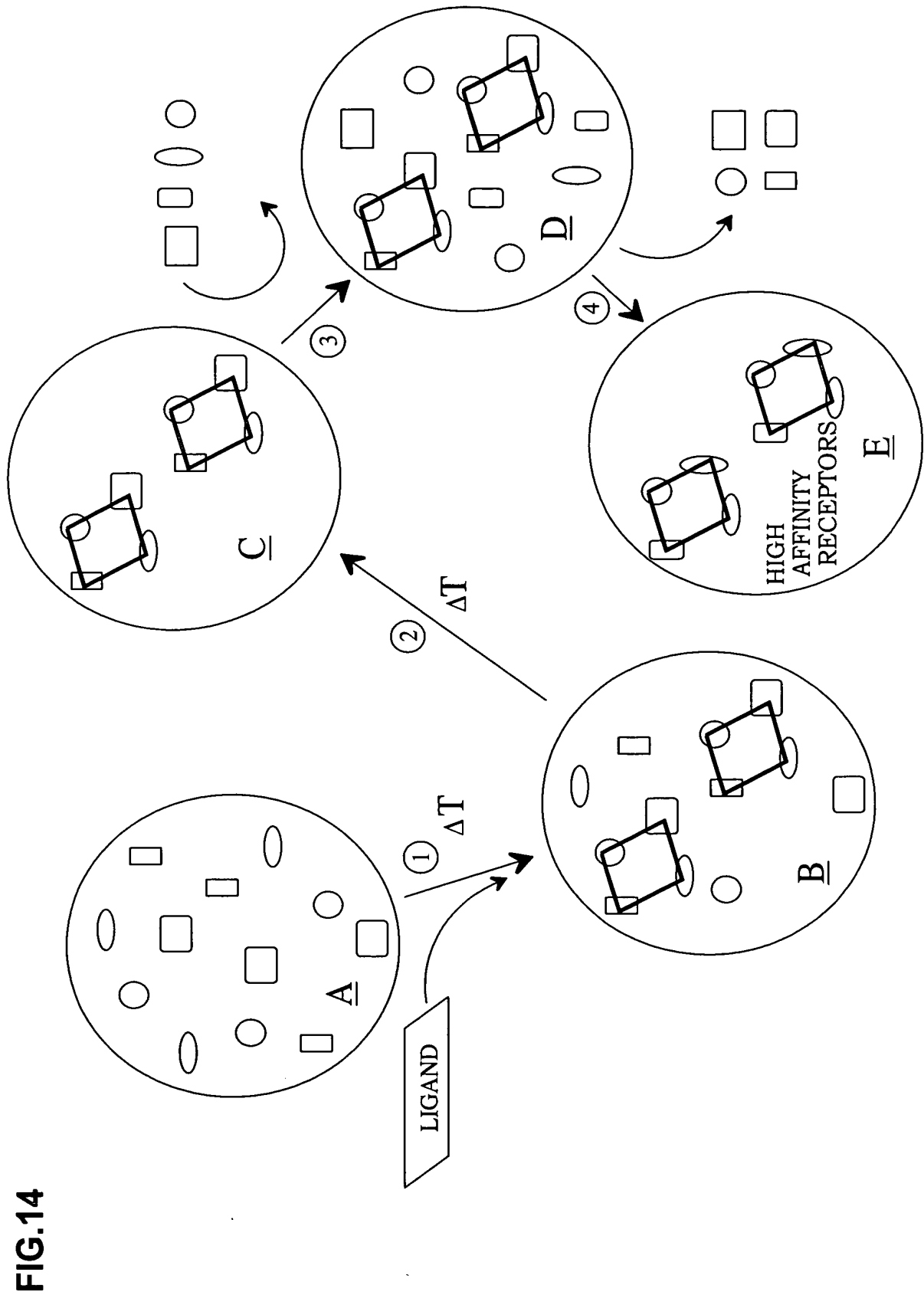


FIG.15

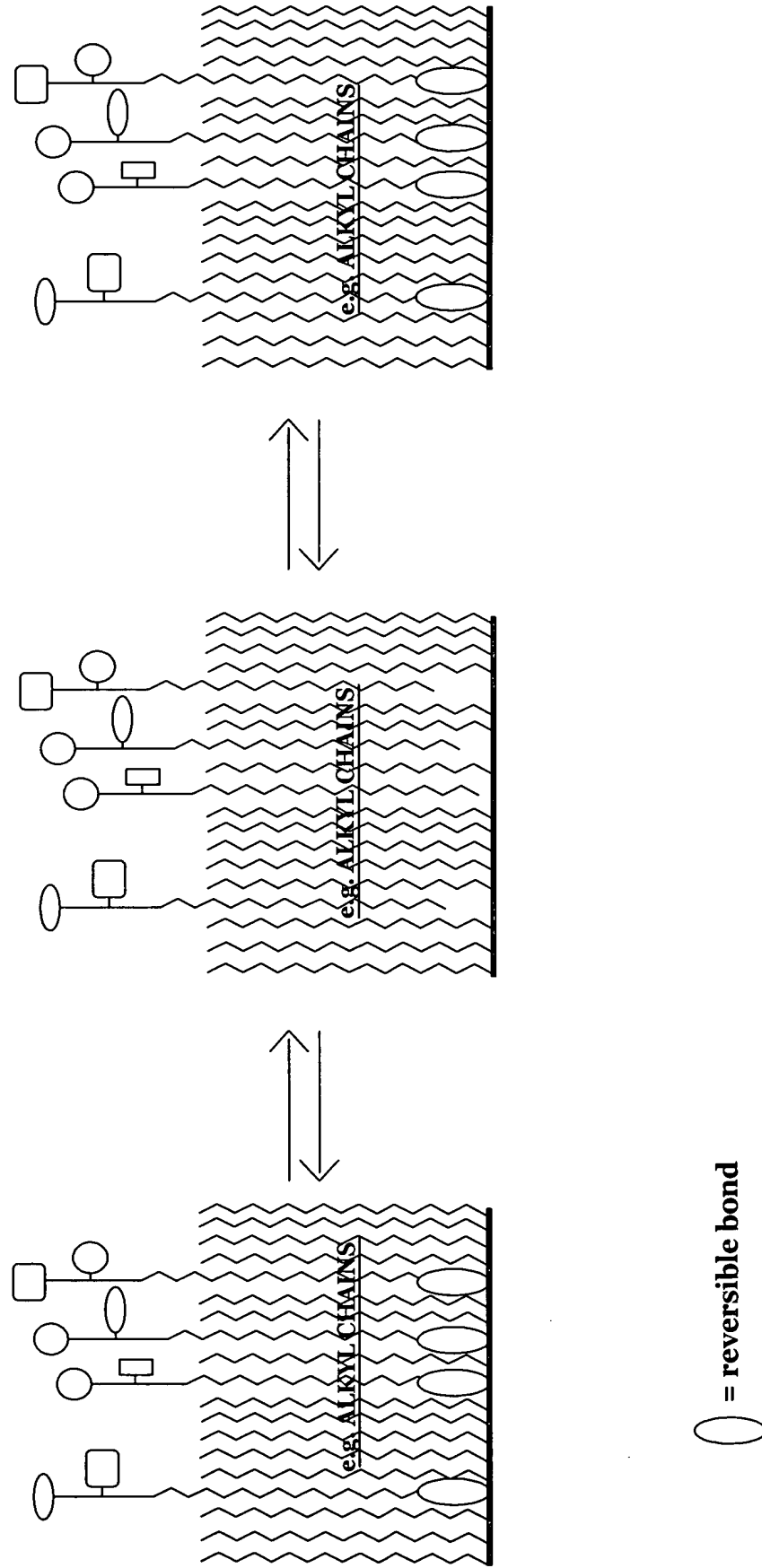


FIG.16B

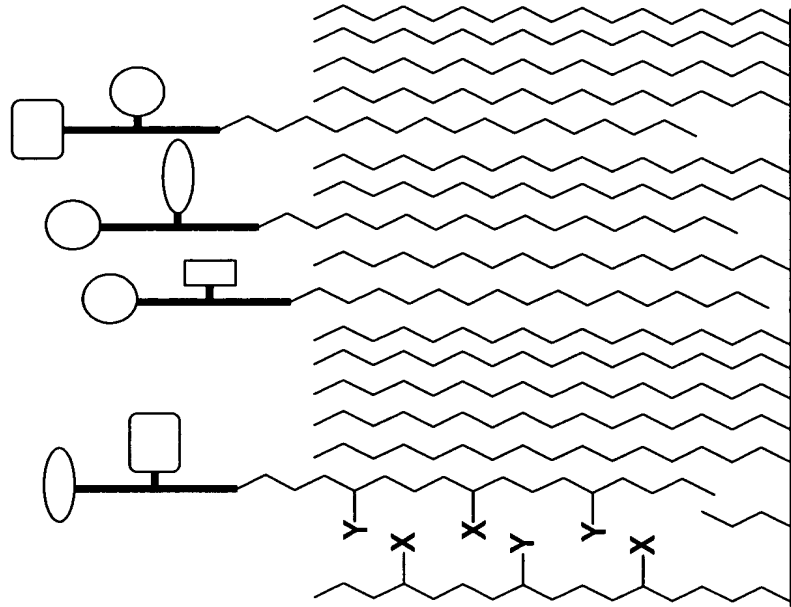


FIG.16A

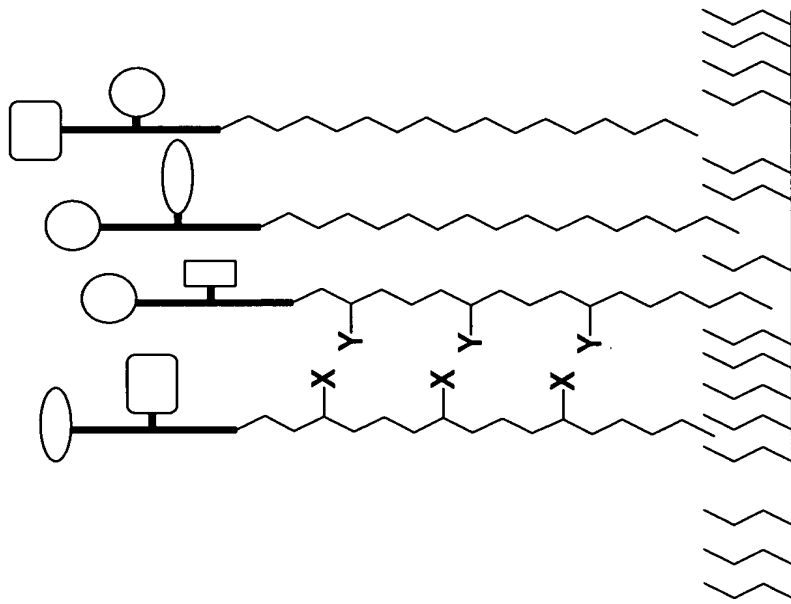
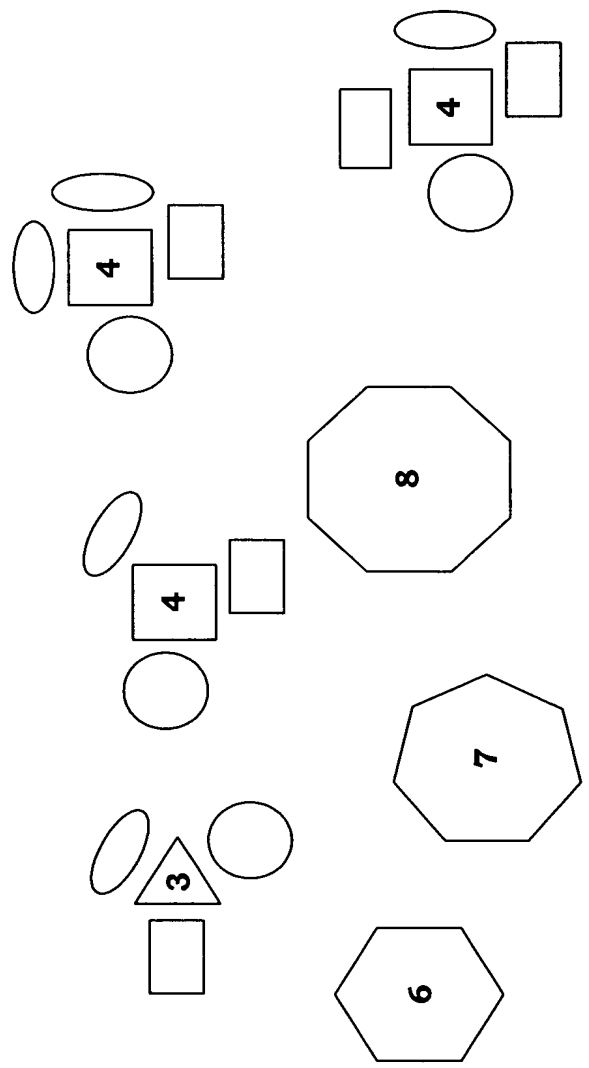


FIG.17



N=81 Building Blocks		
n=3 =>	85,320	
n=4 =>	1,663,740	
n=5 =>	25,621,596	
n=6 =>	328,810,482	
n=7 =>	3,522,969,450	
n=8 =>	32,587,467,412	

FIG.18

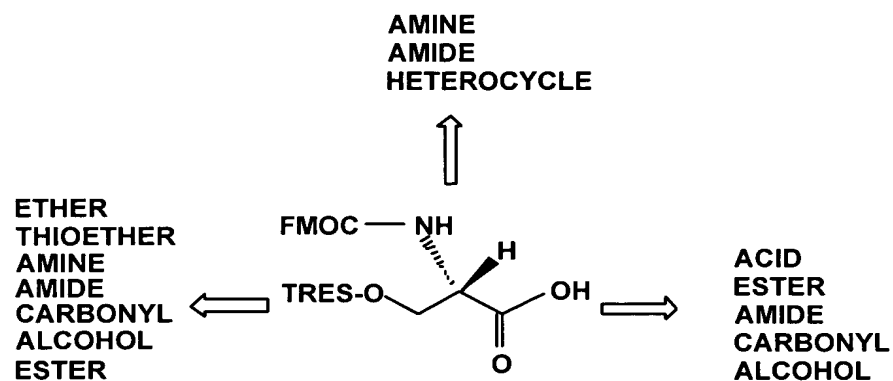


FIG.20

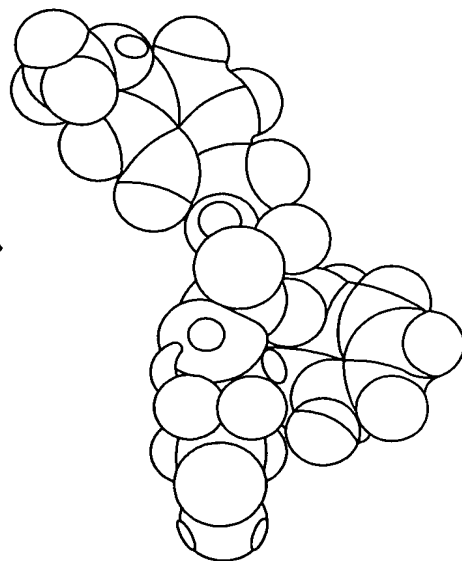
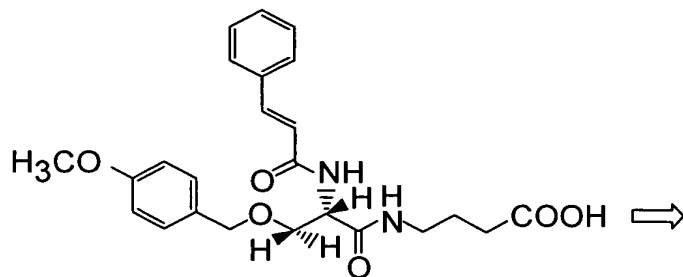
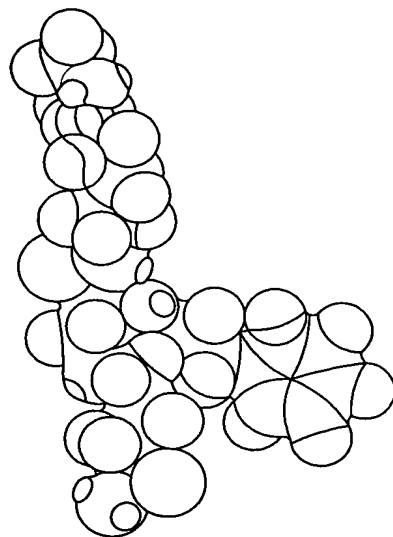
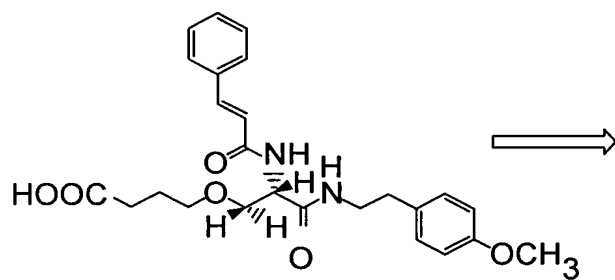
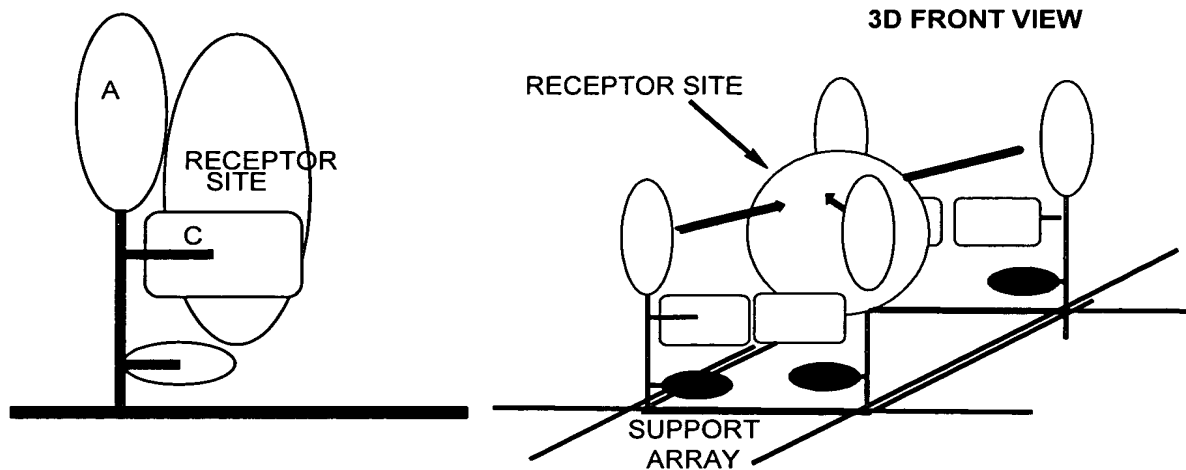


FIG.21

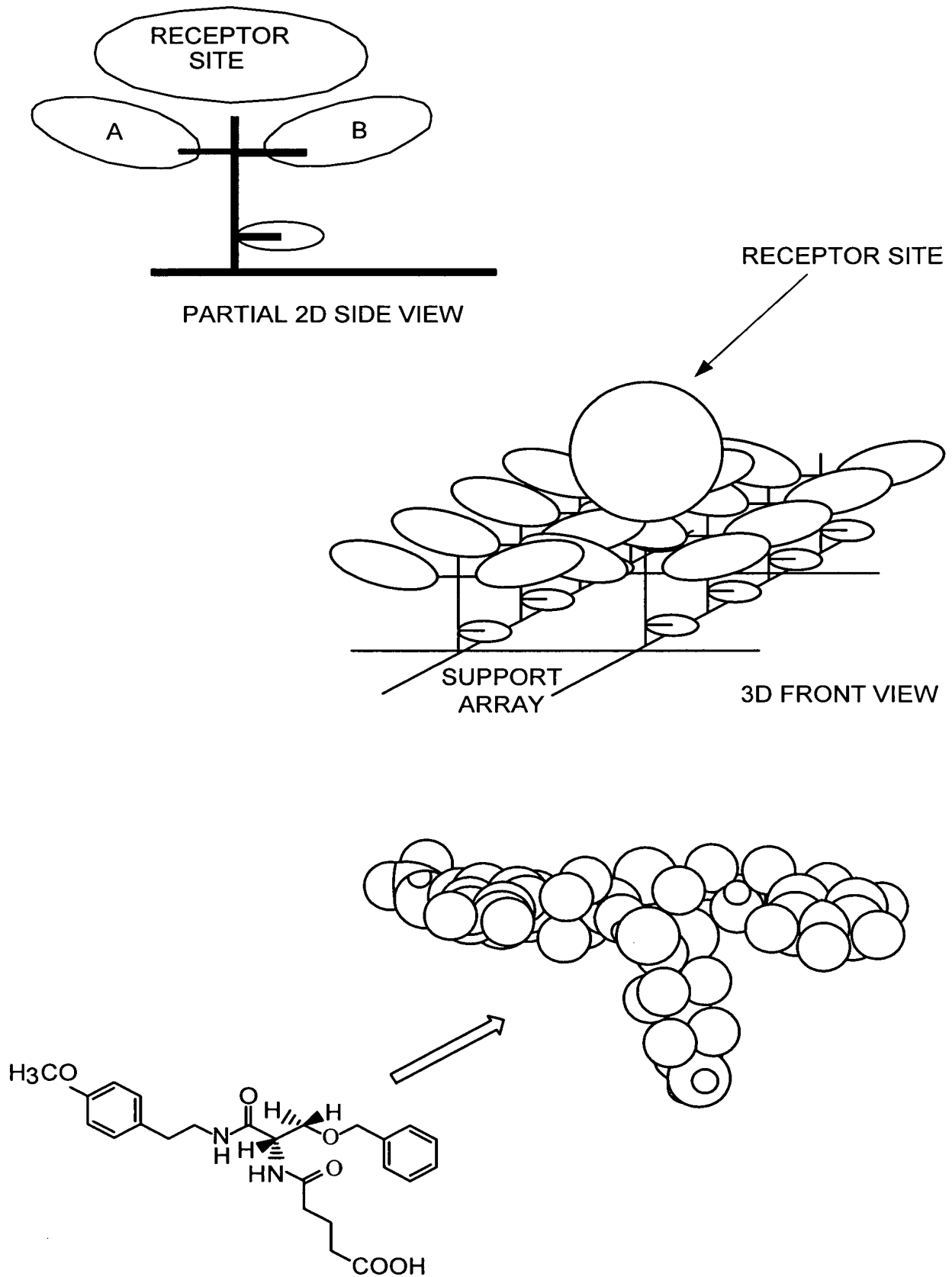


FIG.22

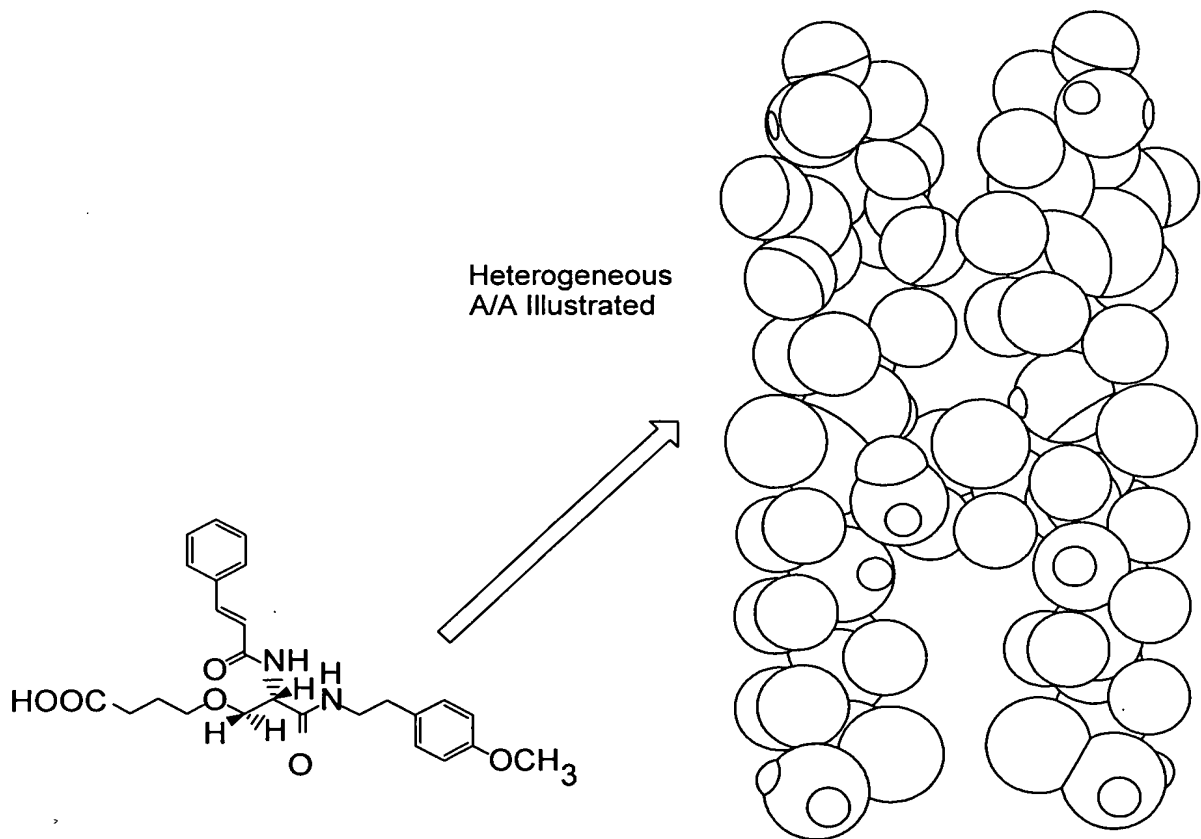
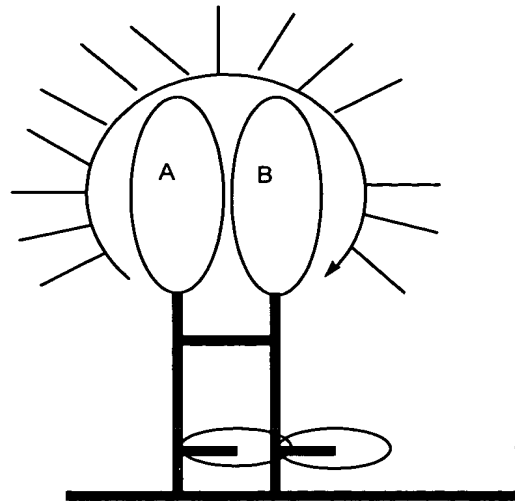


FIG. 23

Origin = 28, 140 pixels
(0.28, 1.4 mm)
Size = 2032 x 1888 pixels
(20.32 x 18.88 mm)
Scaling = 10 $\mu\text{m}/\text{pixel}$
Scanner = GenePix 4100A 01 [92896]
No averaging.
PMT Gain = 940
Laser Power = 100%
Normalization Factor = 1
Focus Position = 0



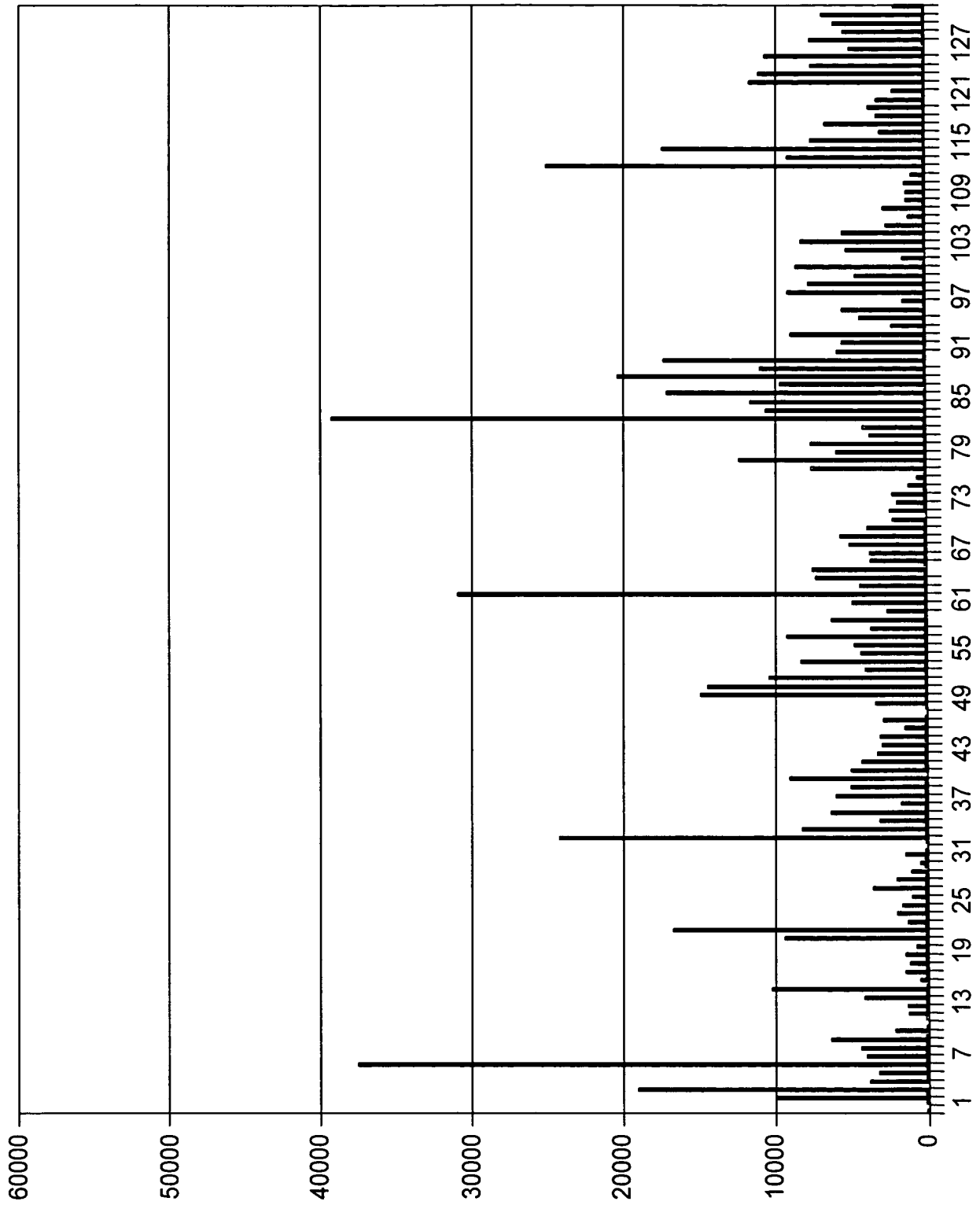
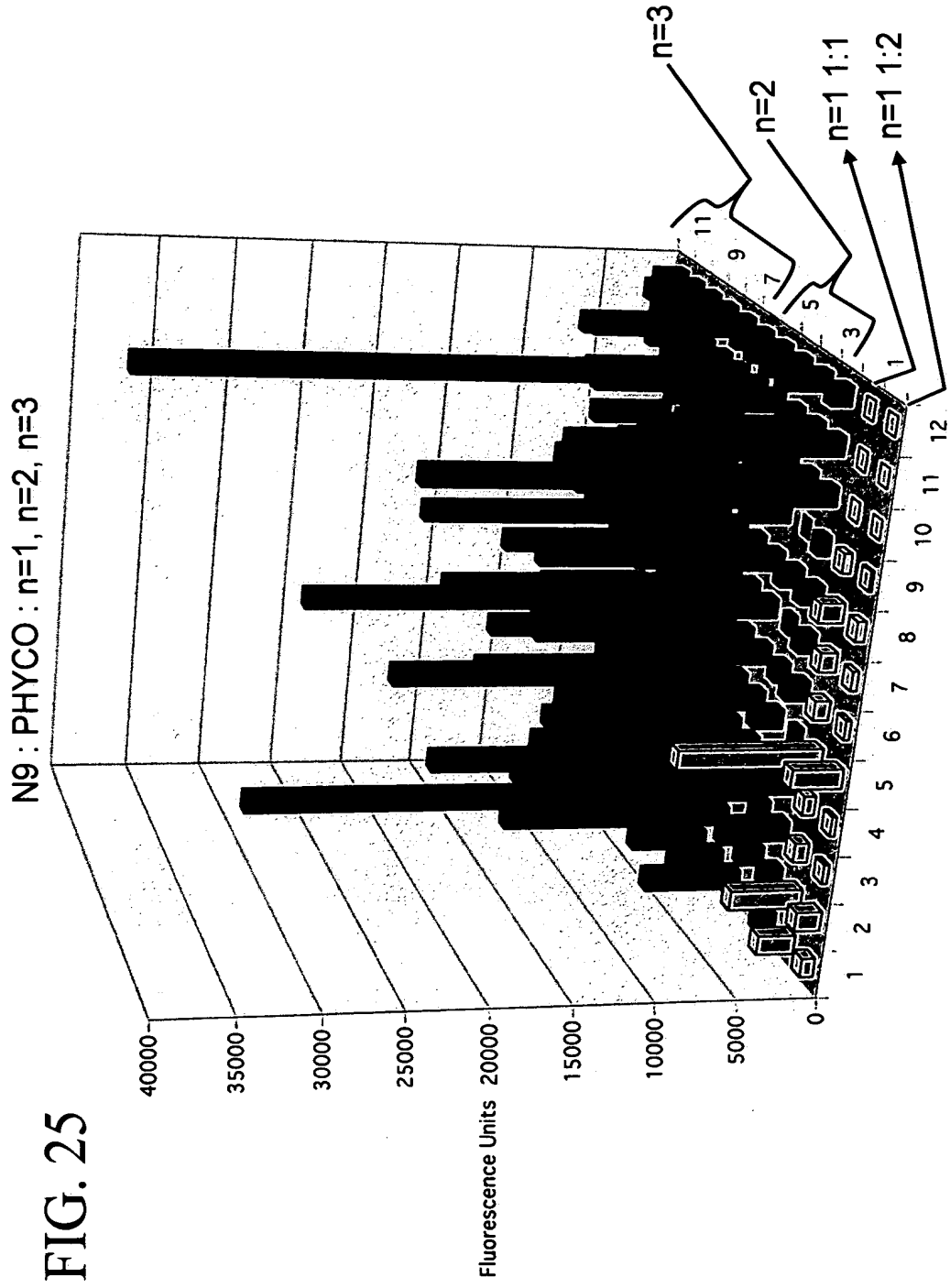


FIG.24



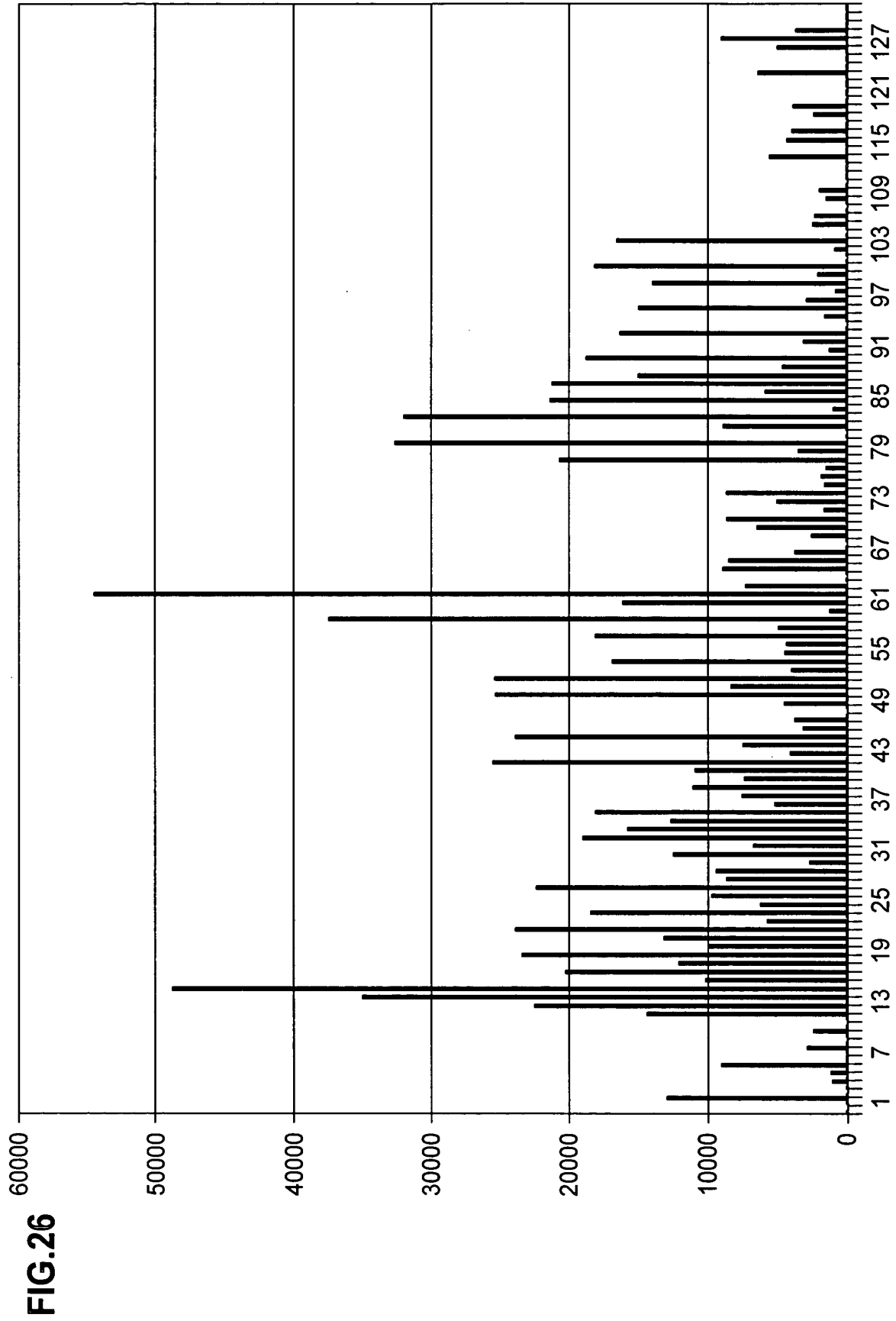
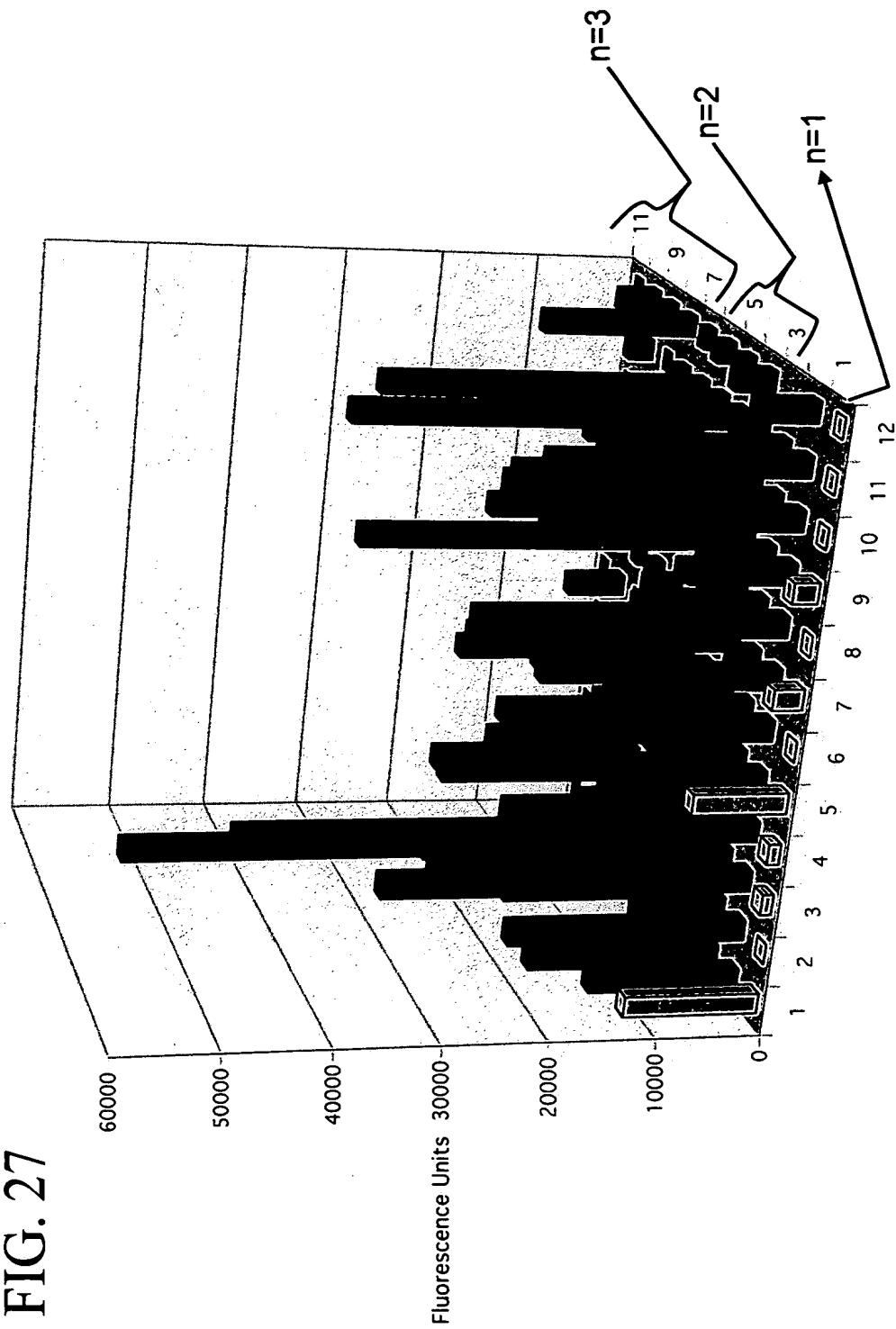
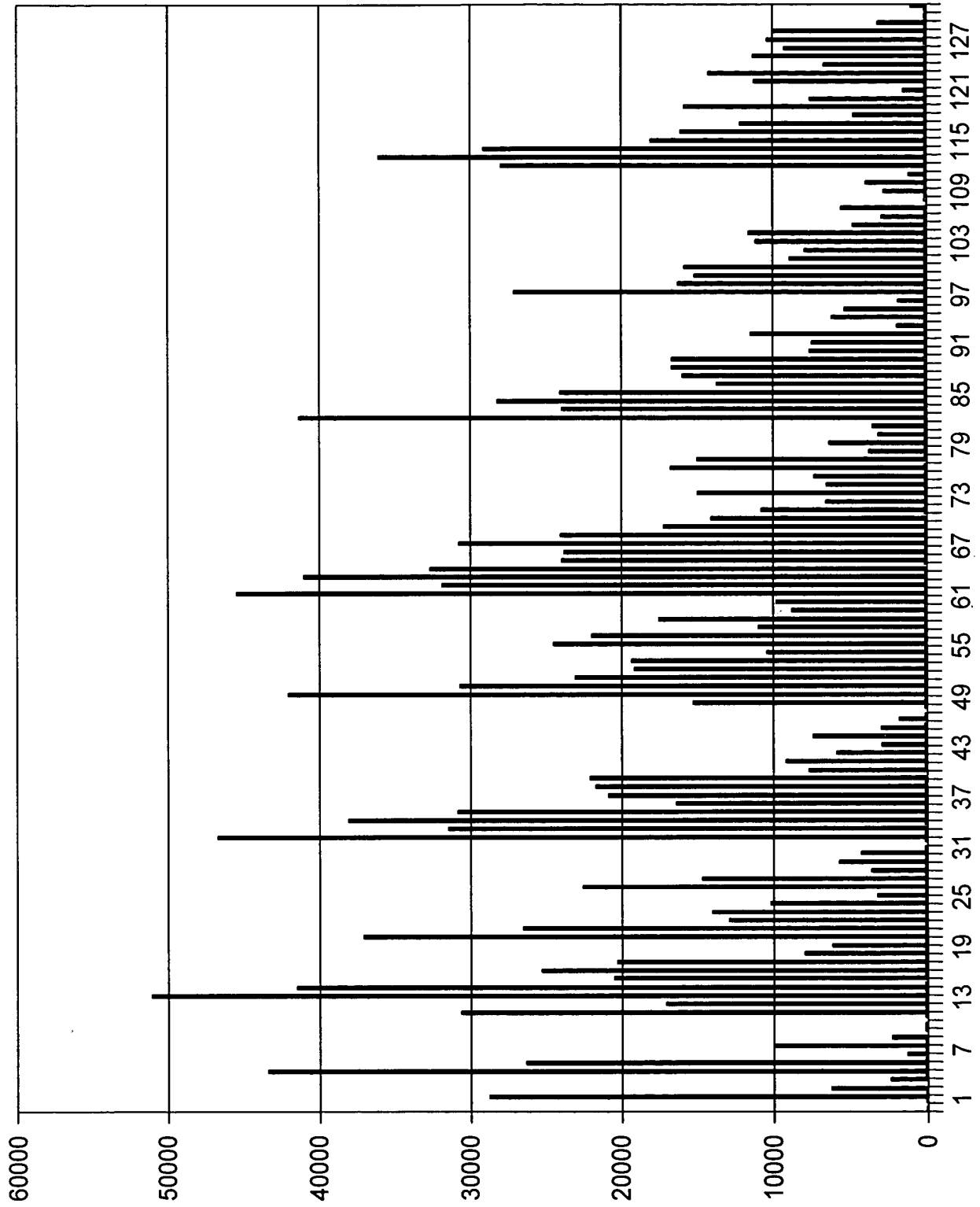


FIG. 27





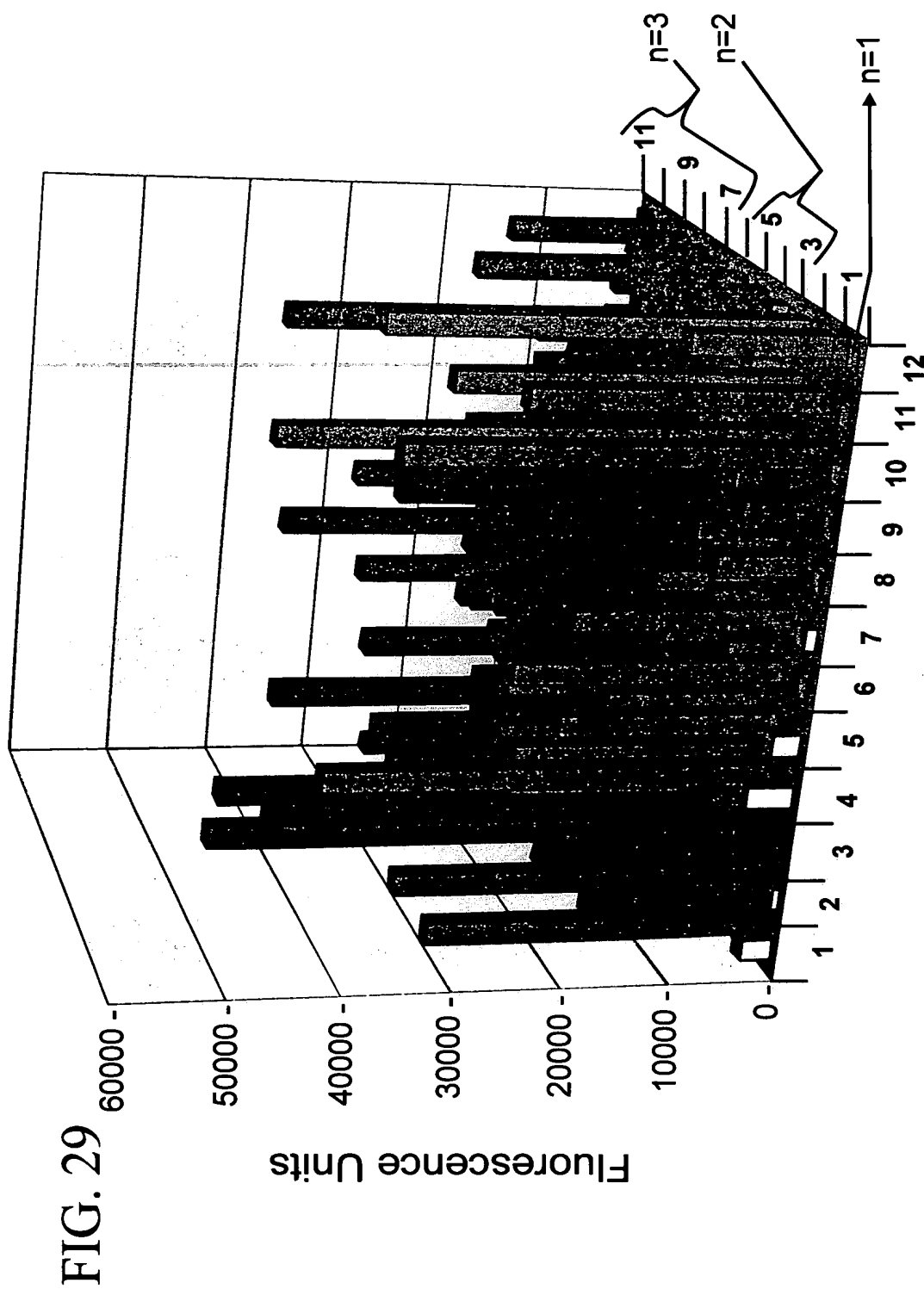
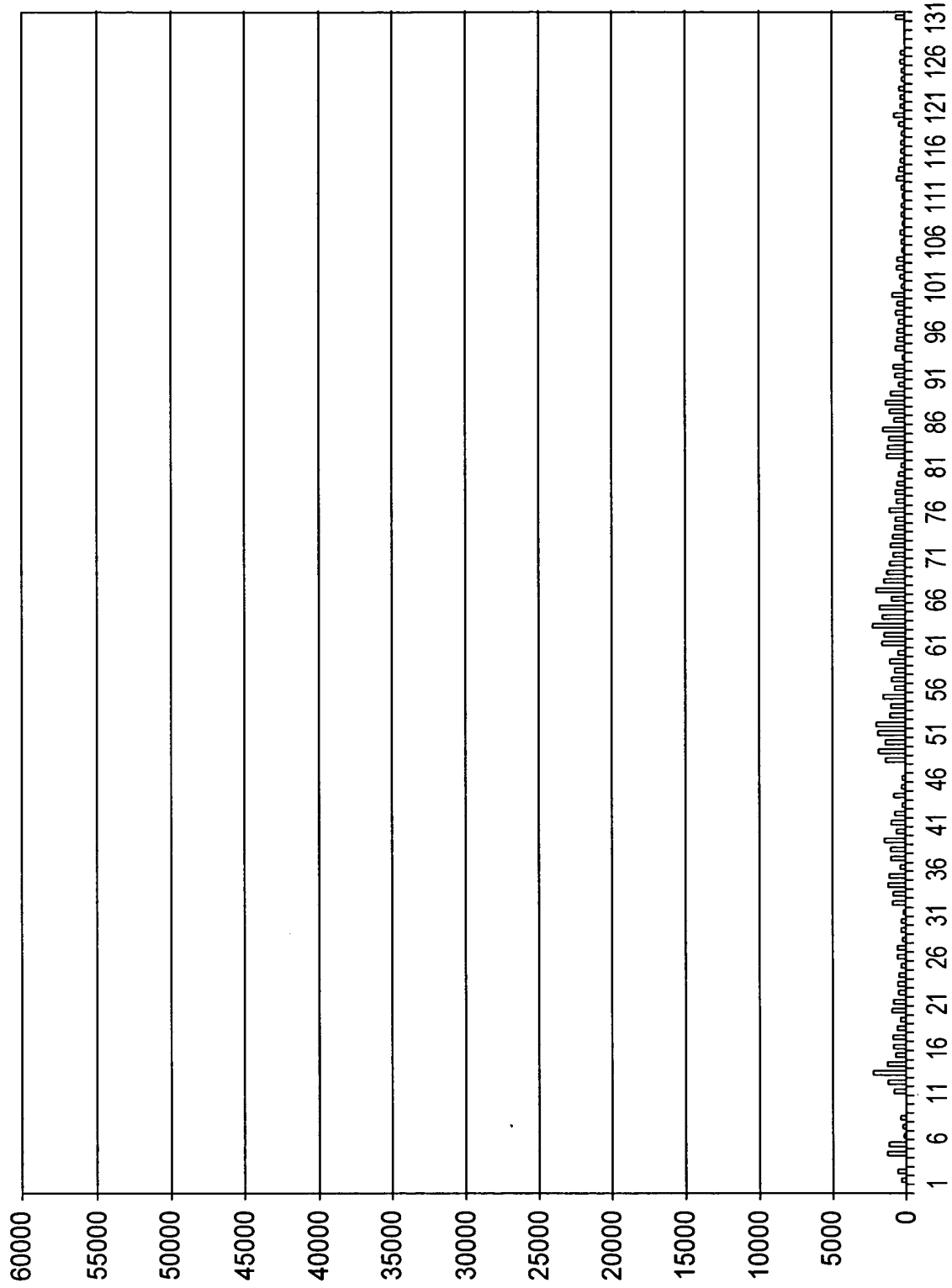
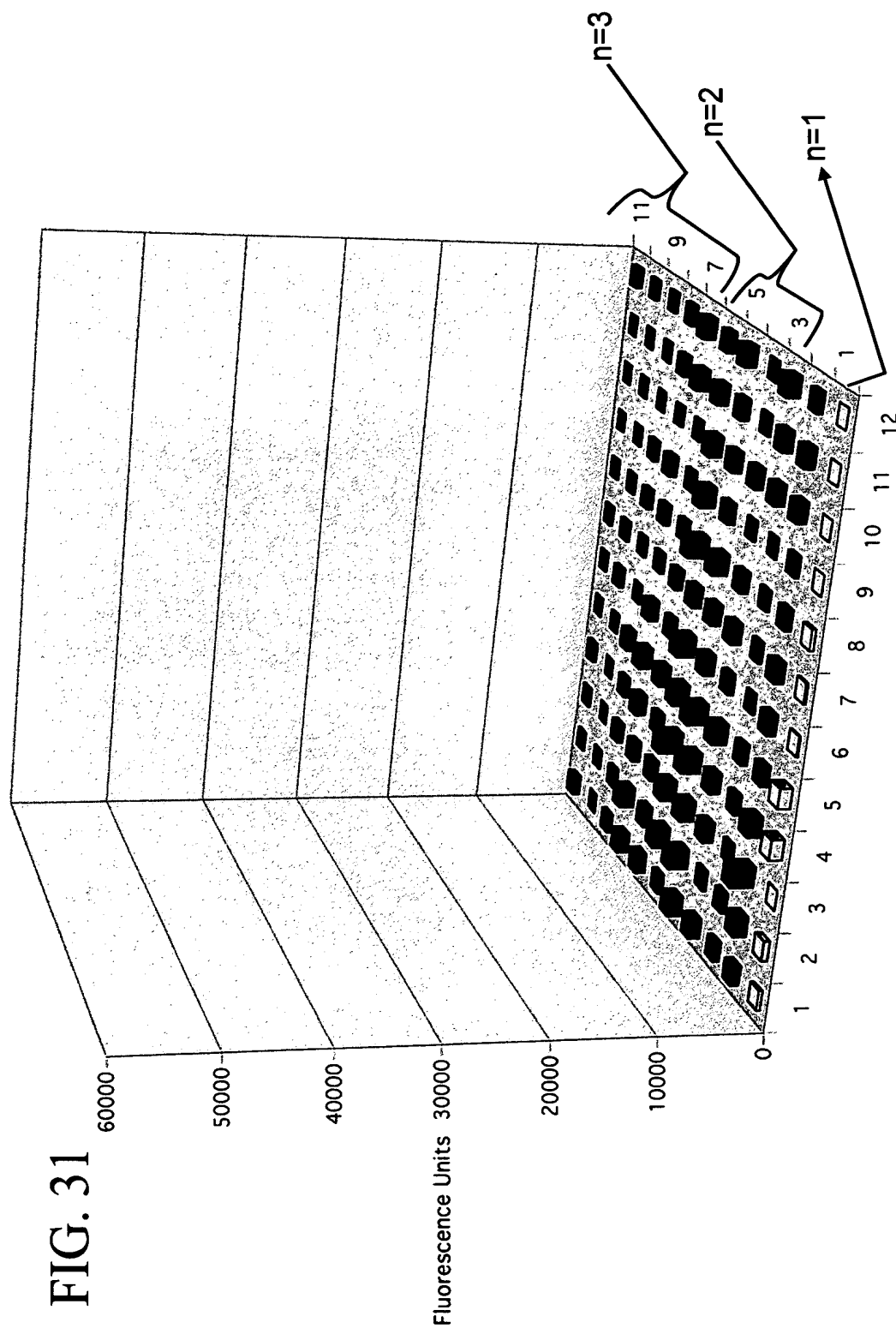


FIG. 30





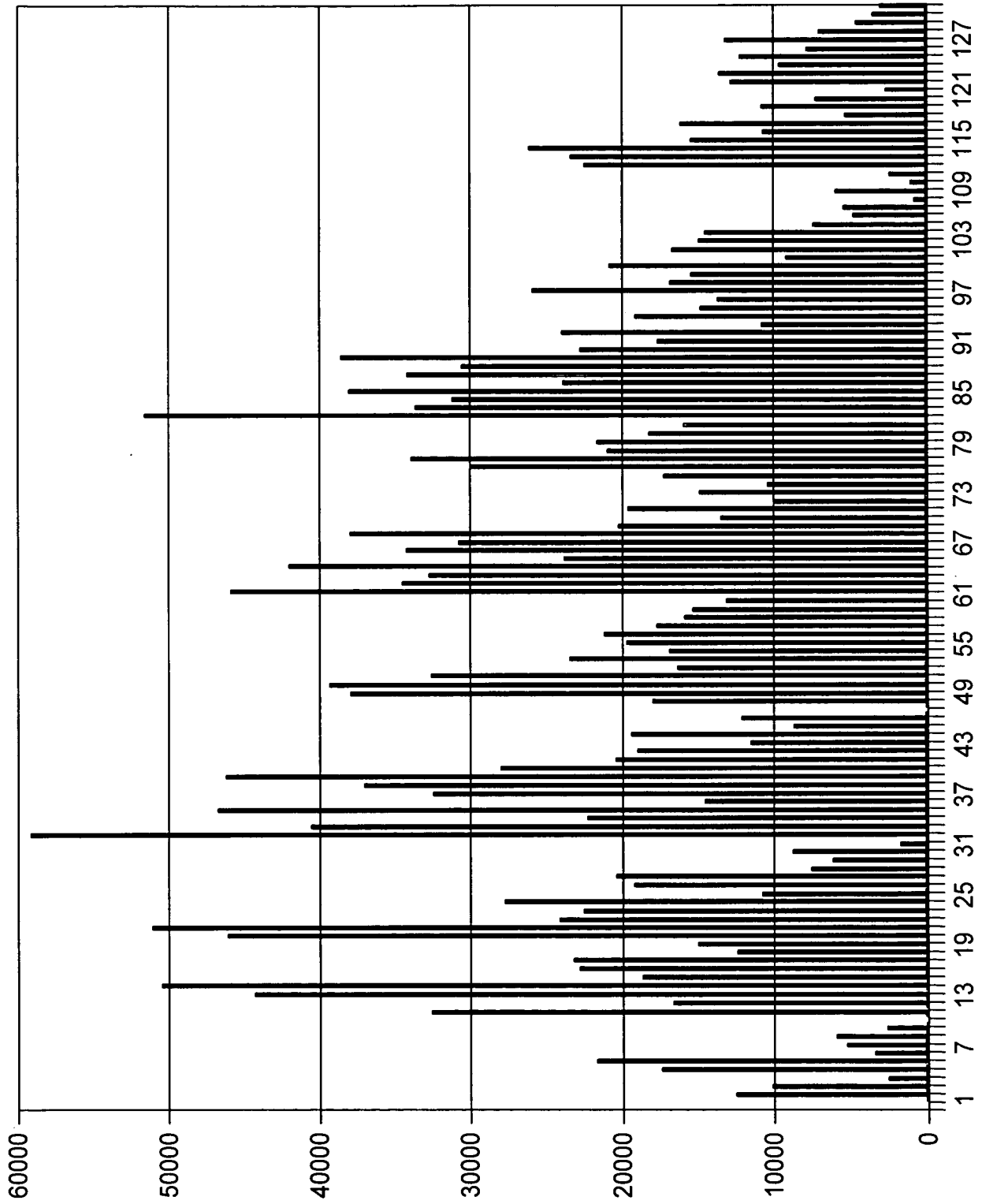
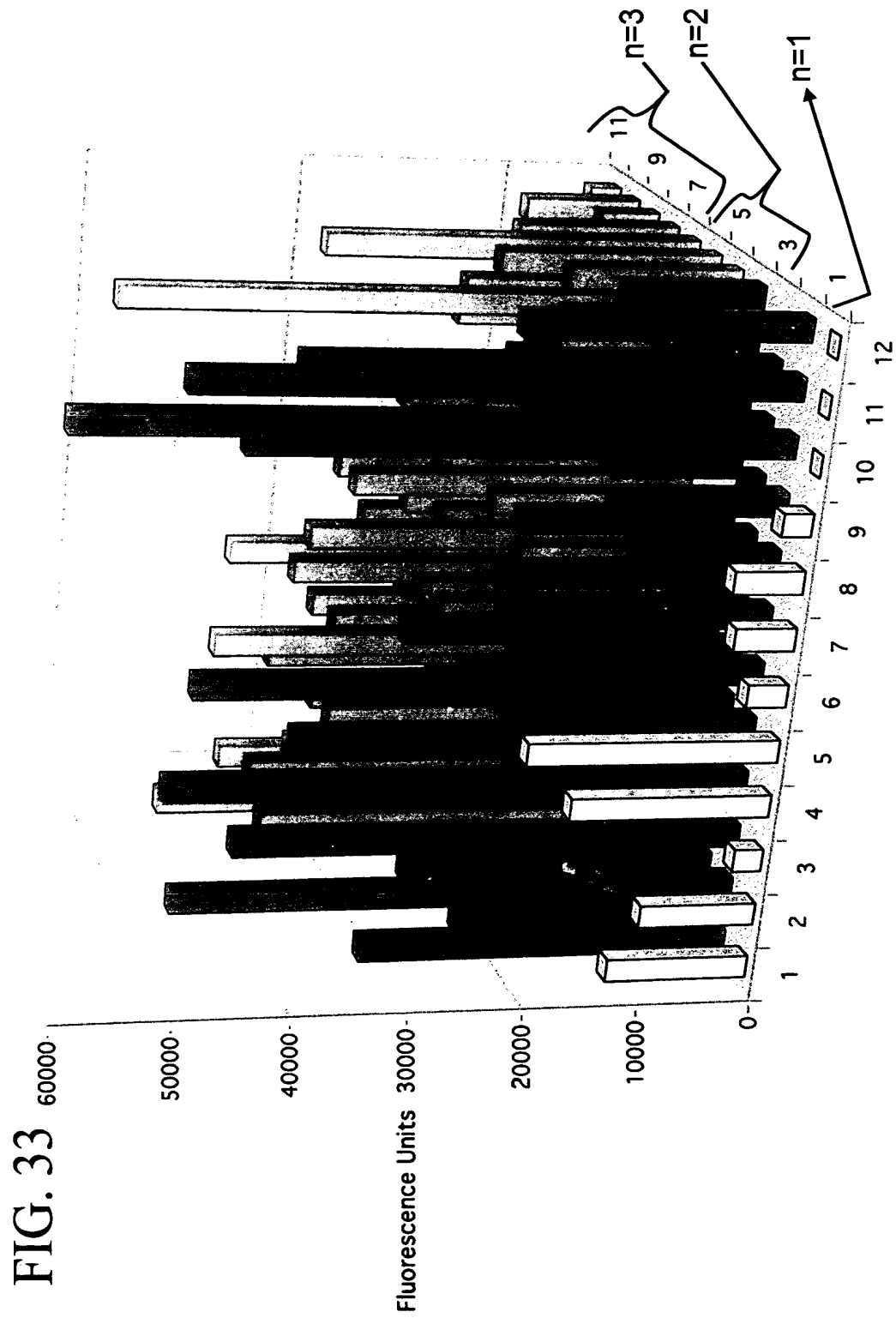


FIG.32



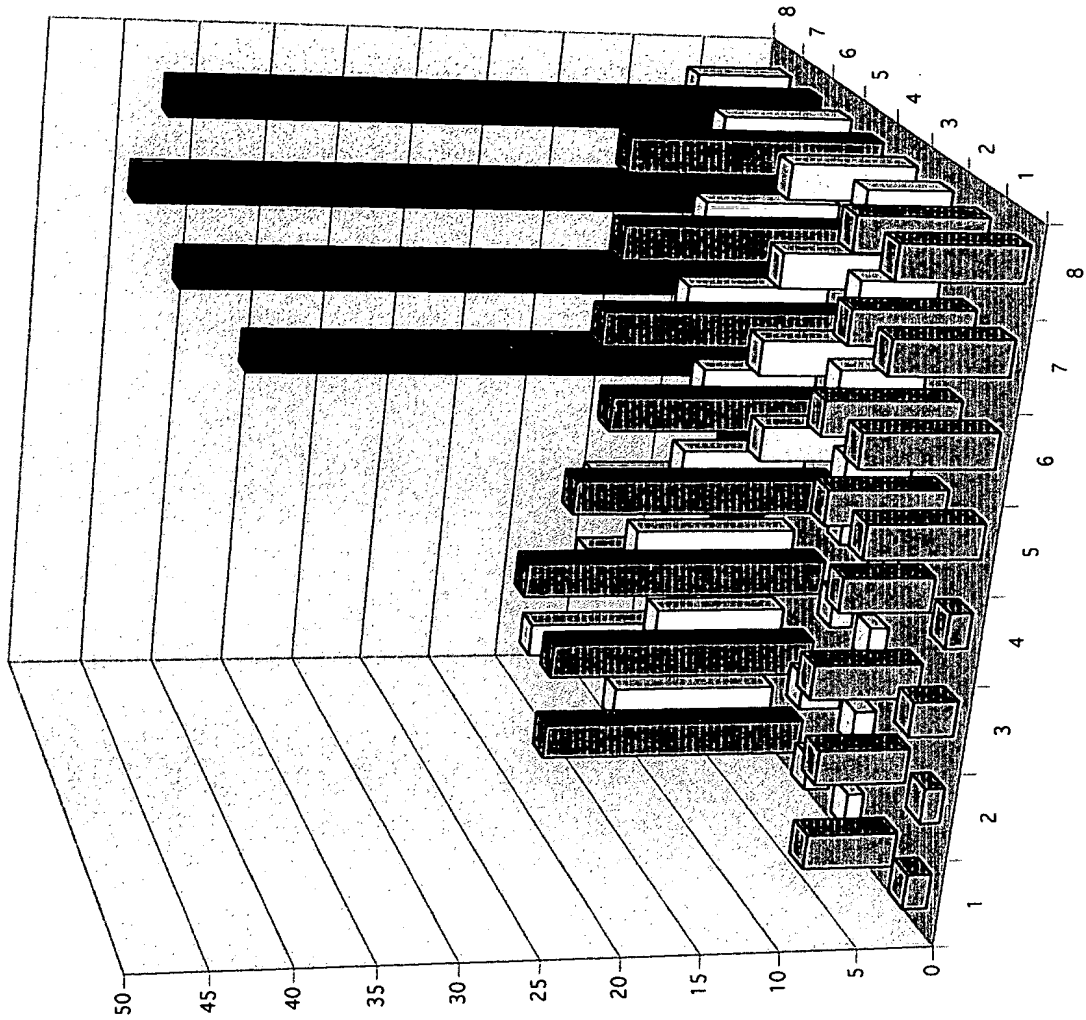


FIG. 34

FIG. 35

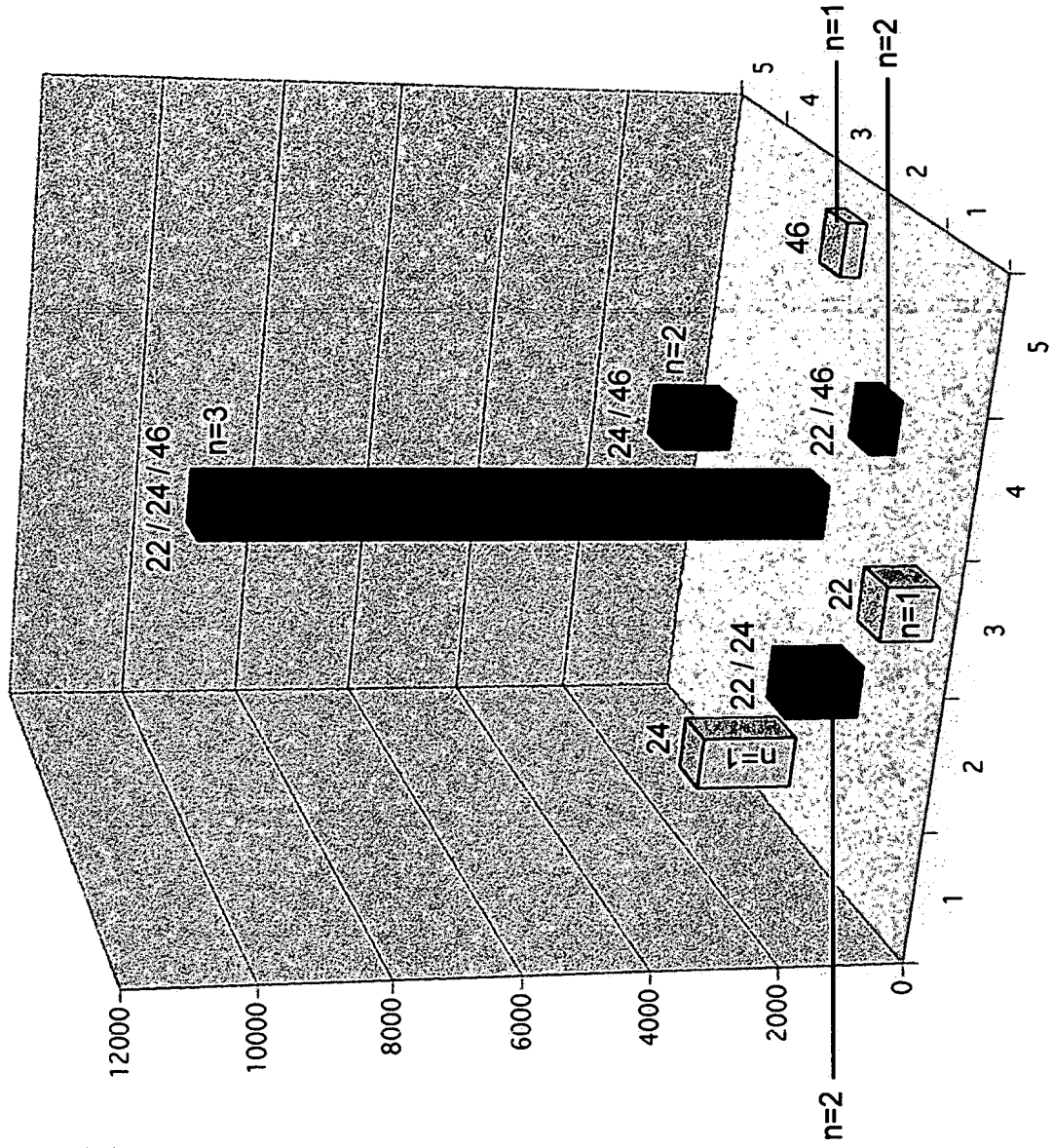
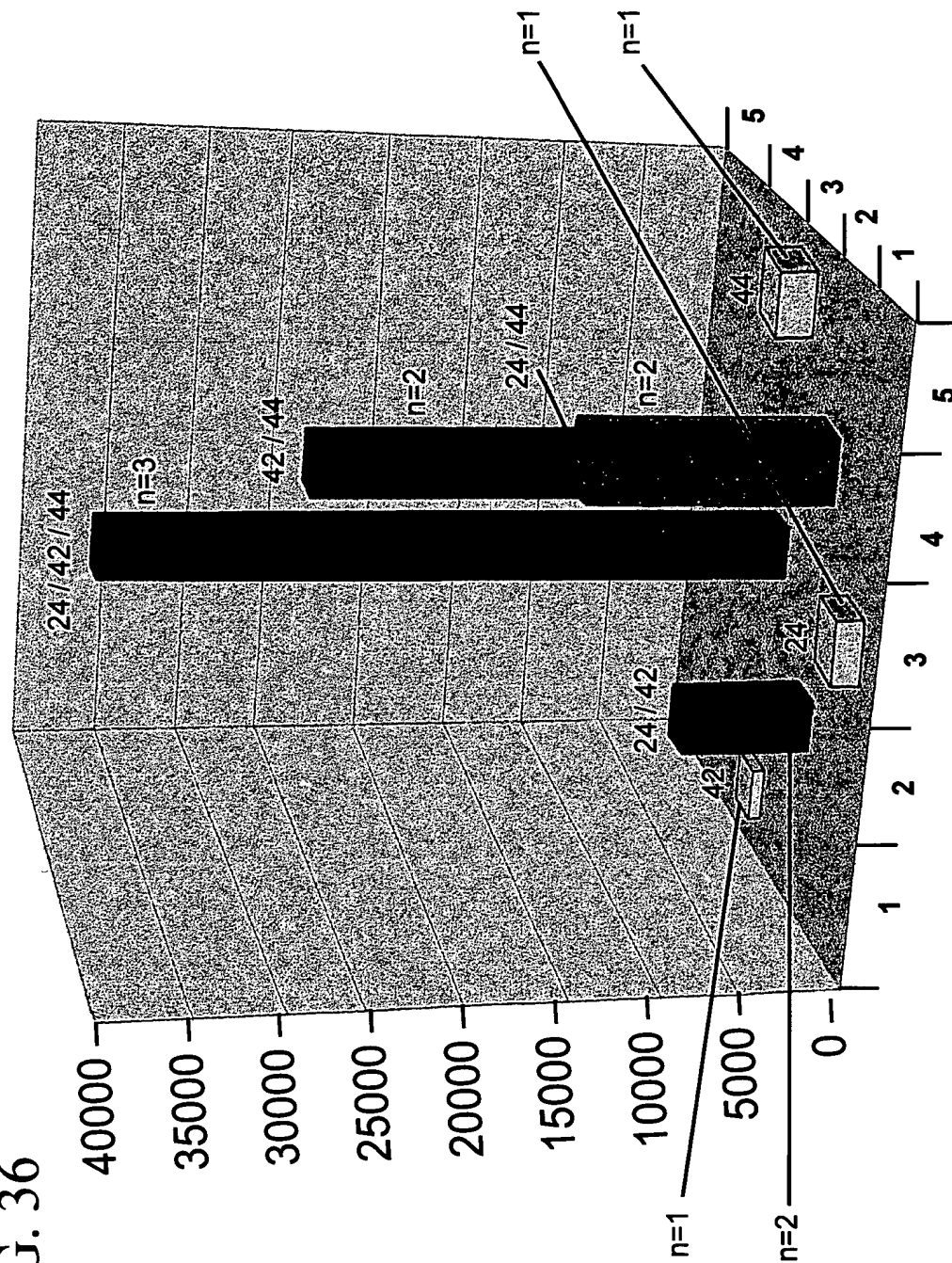


FIG. 36



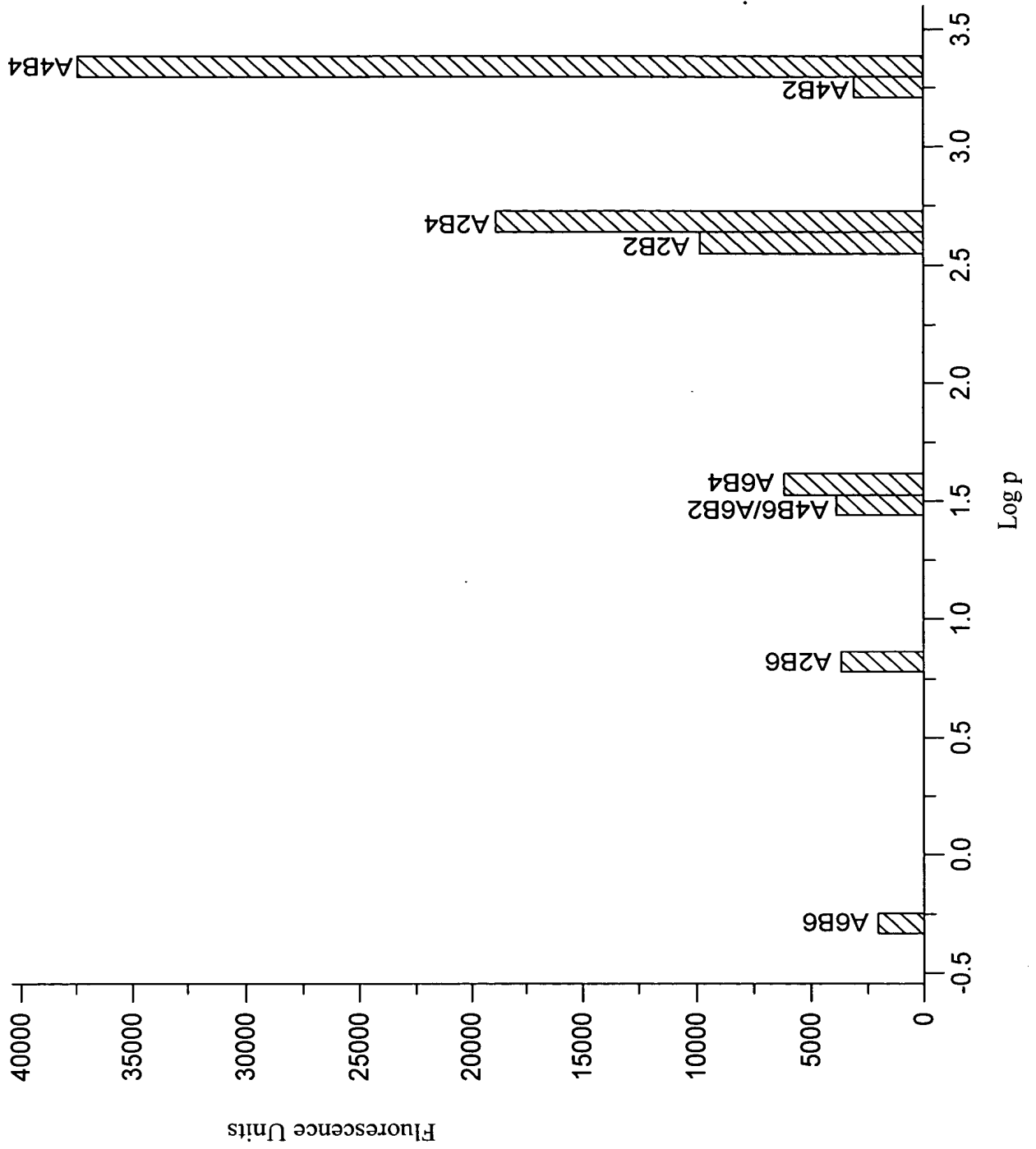


FIG.37

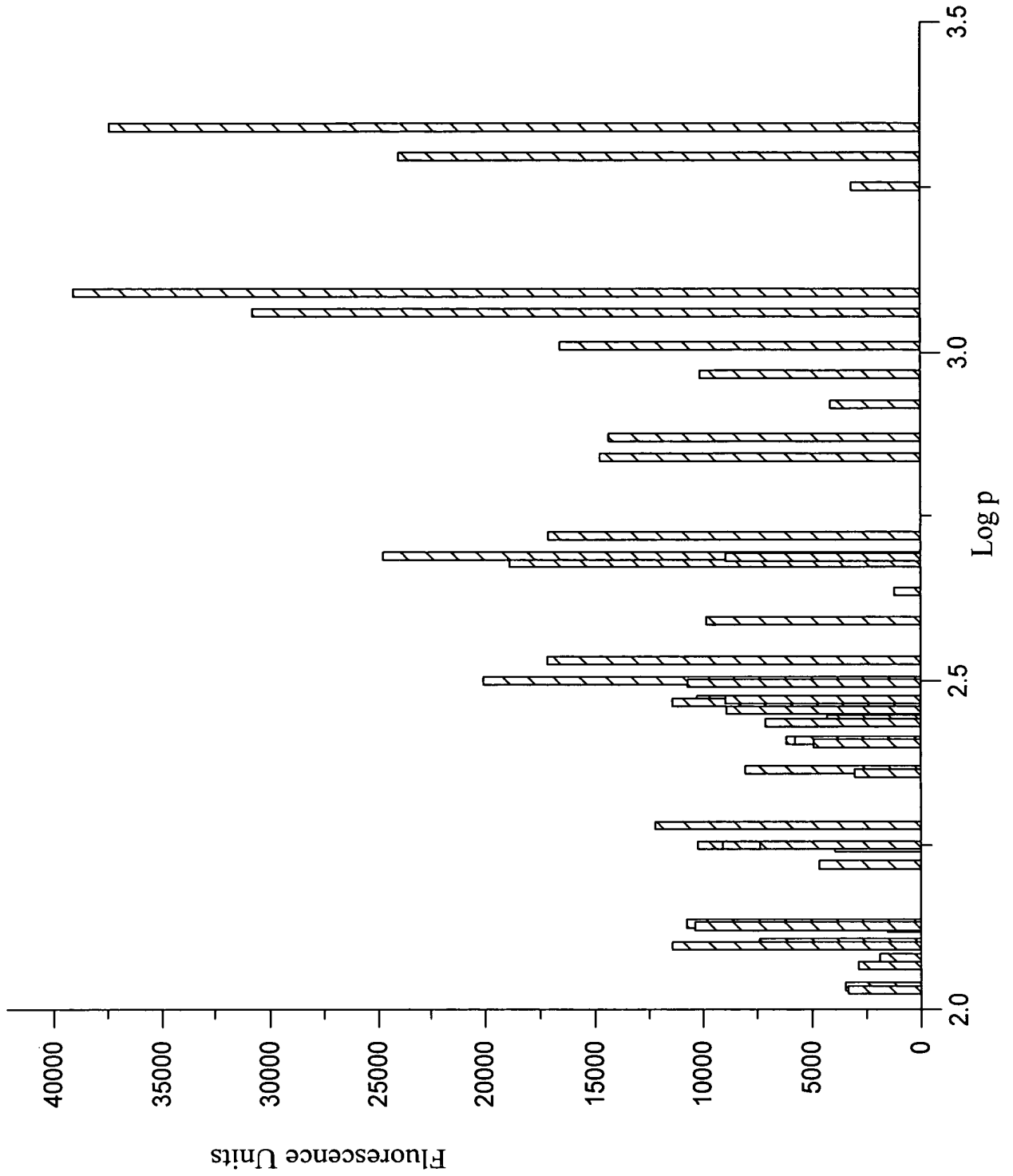
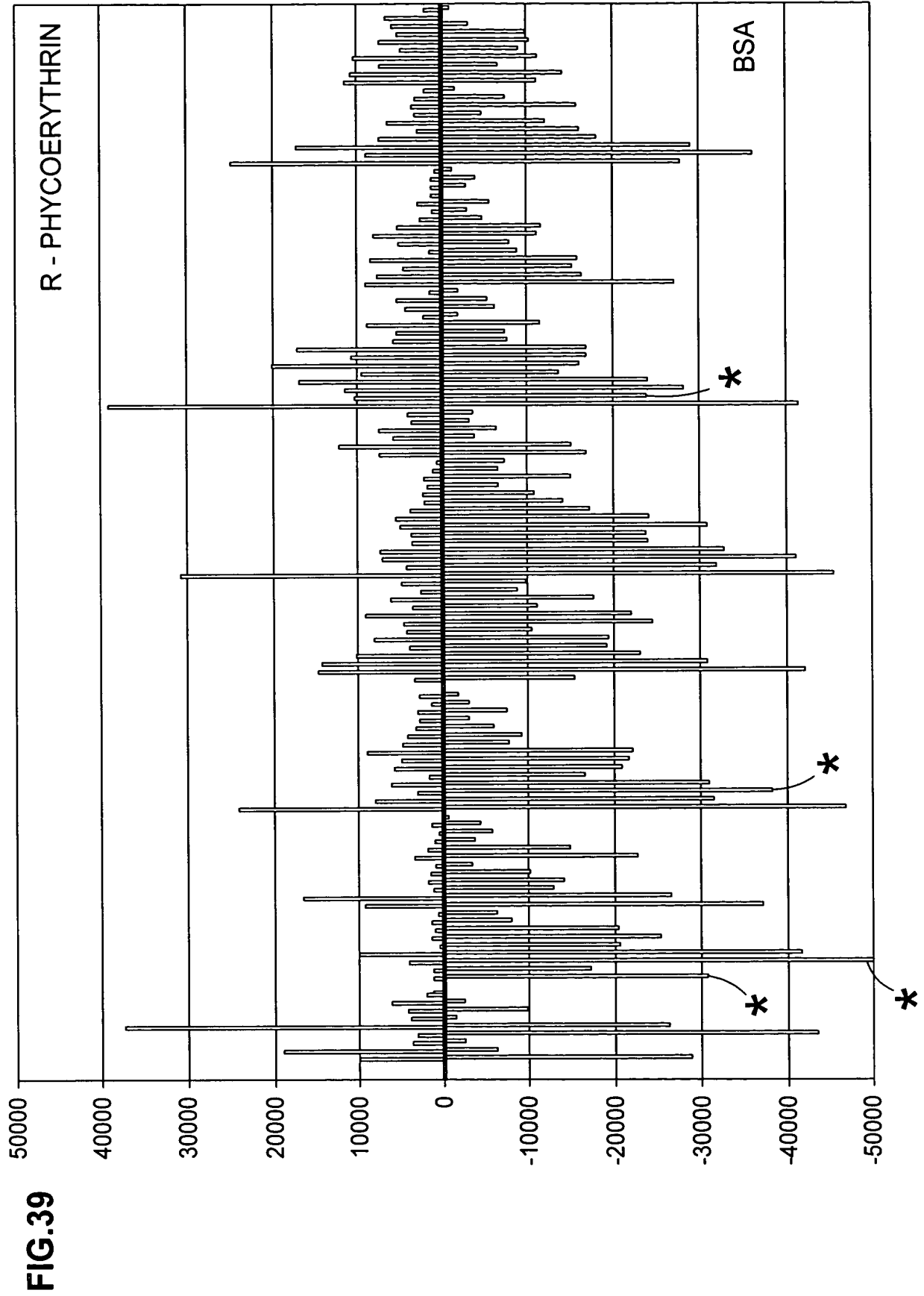
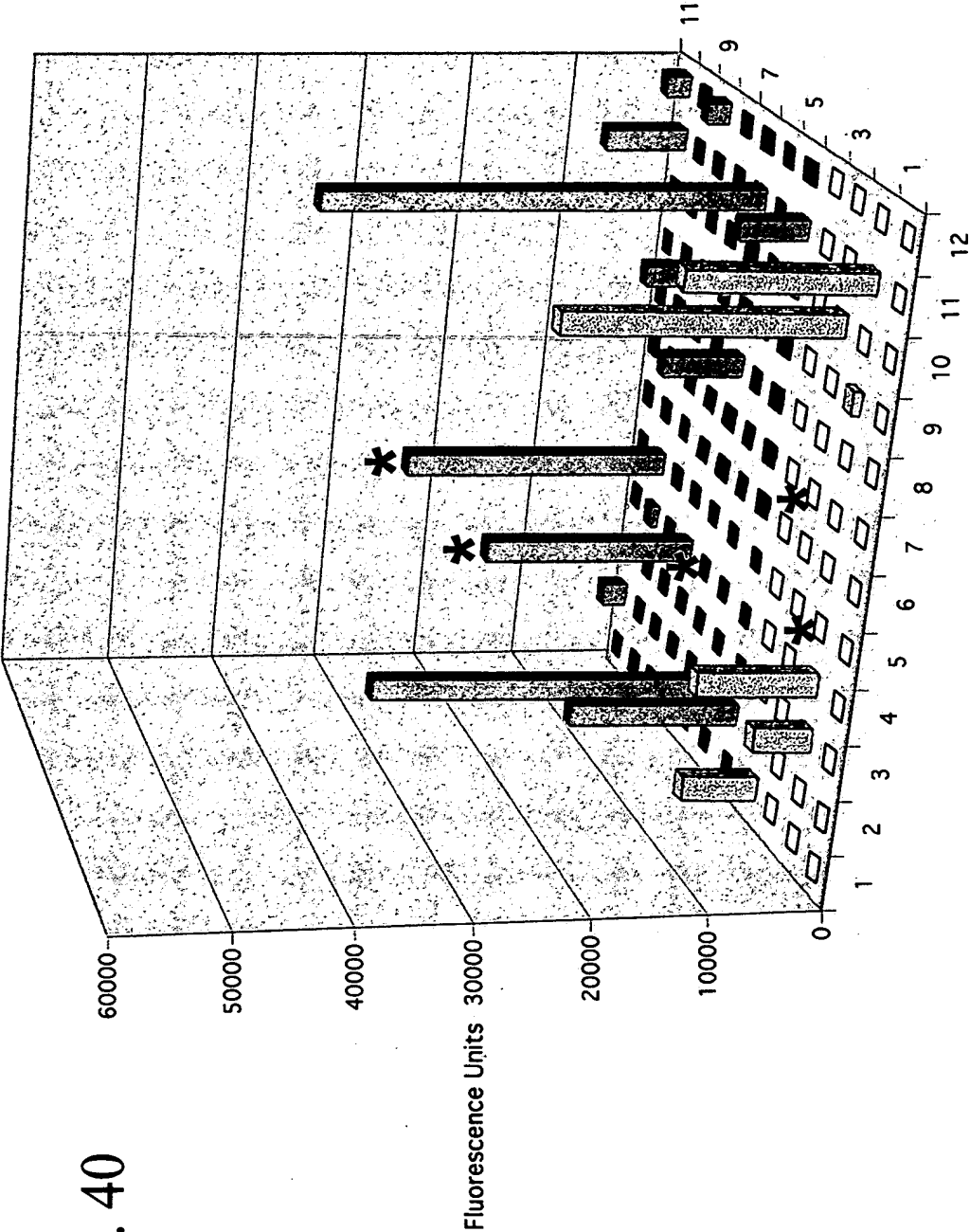
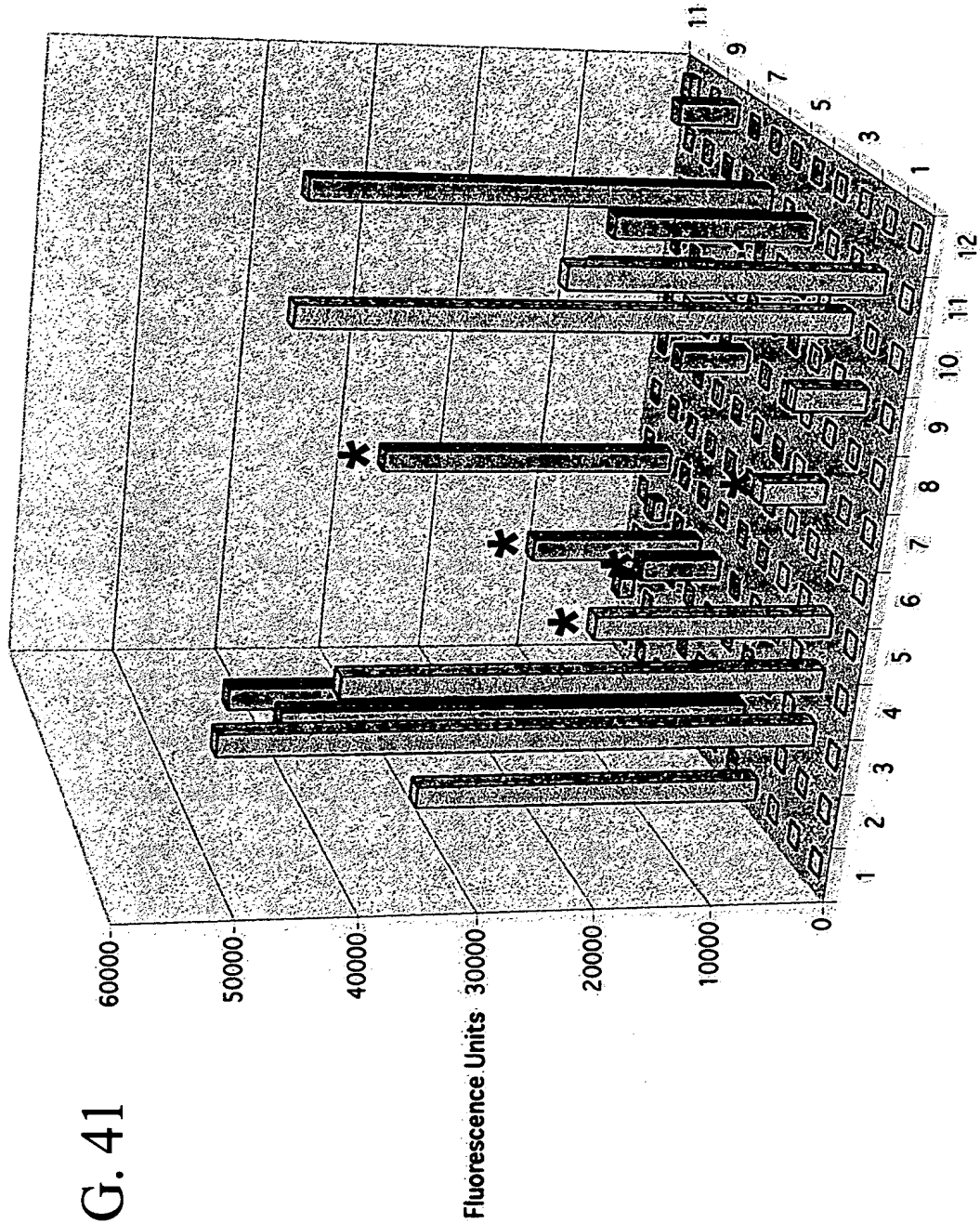
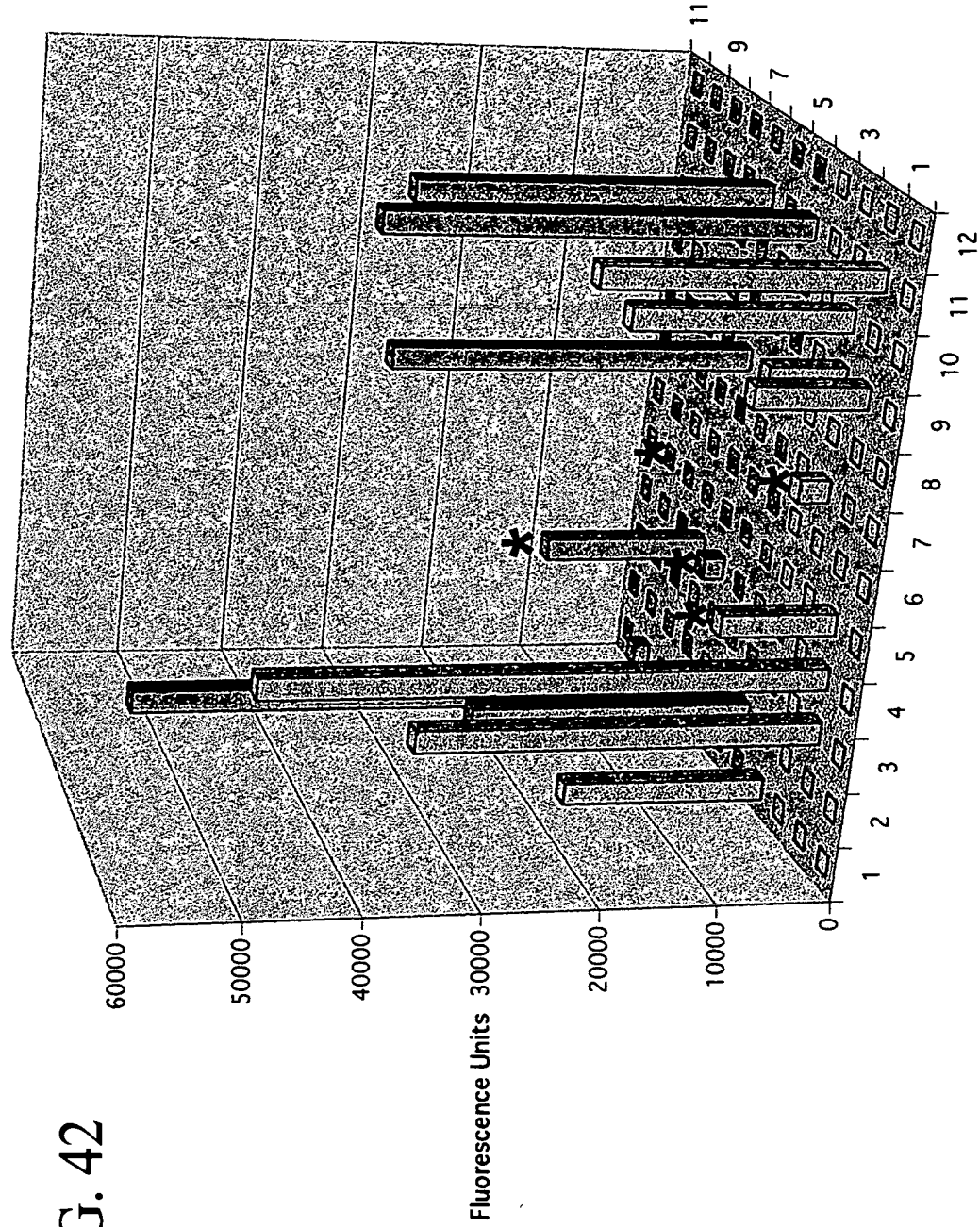


FIG.38









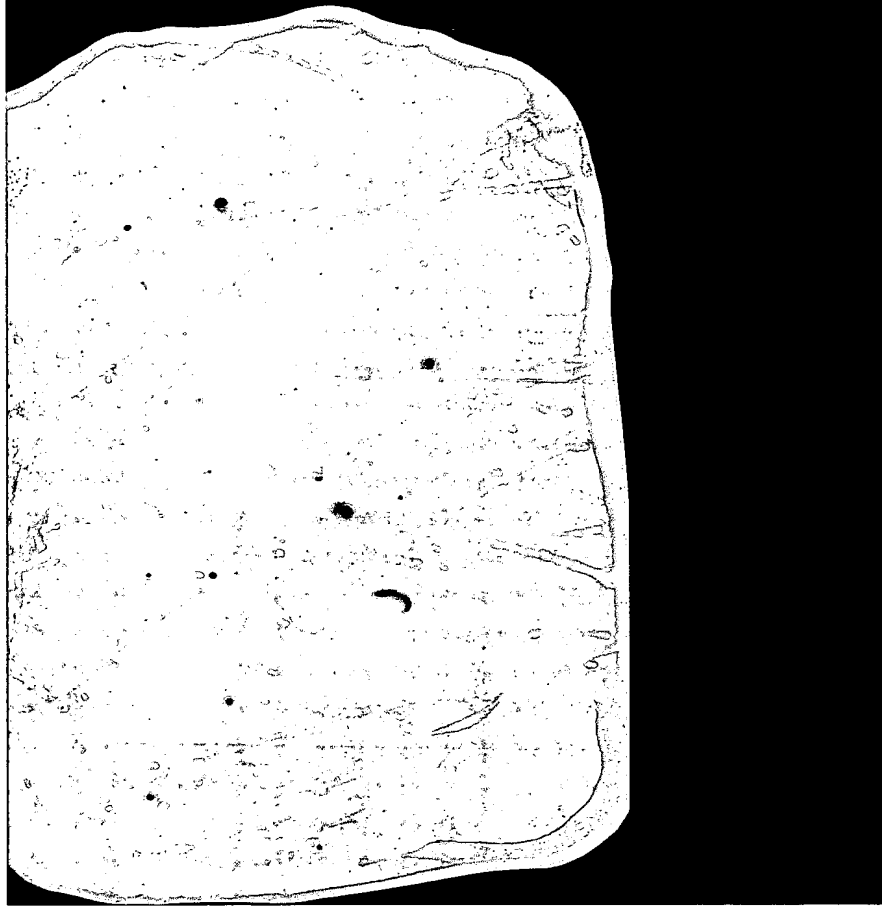


FIG. 43

Origin = 4, 0 pixels
(0.04, 0 mm)
Size = 2180 x 1368 pixels
(21.8 x 13.68 mm)
Scaling = 10 μ m/pixel
Scanner = GenePix 4100A 01 [92896]
No averaging.
PMT Gain = 600
Laser Power = 100%
Normalization Factor = 1
Filter = 670DF40
Focus Position = 0

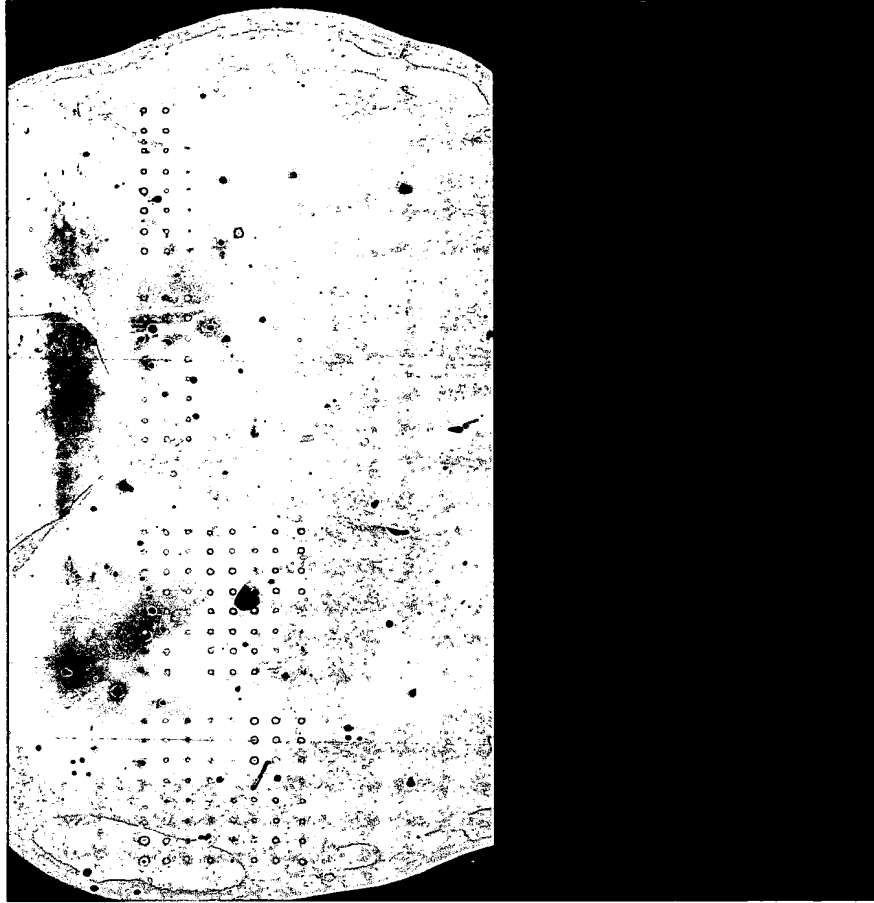


FIG. 44

Origin = 4, 0 pixels
(0.04, 0 mm)
Size = 2180 x 1068 pixels
(21.8 x 10.68 mm)
Scaling = 10 μ m/pixel
Scanner = GenePix 4100A 01 [92896]
No averaging.
PMT Gain = 600
Laser Power = 100%
Normalization Factor = 1
Filter = 670DF40
Focus Position = 0

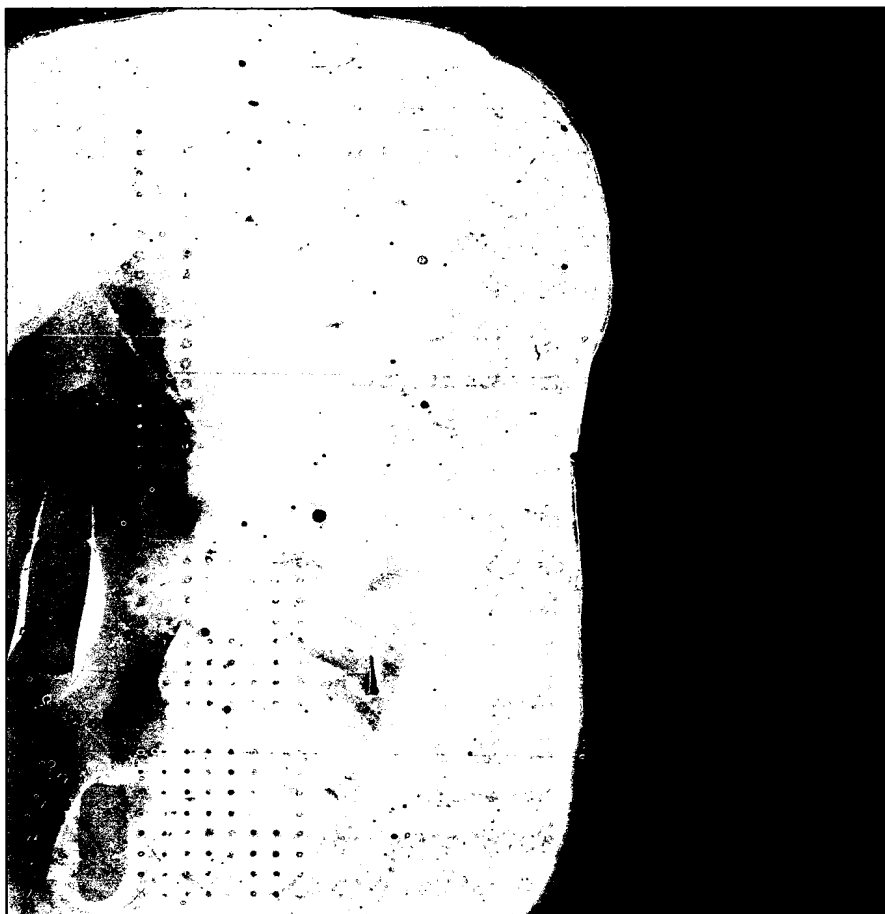


FIG. 45

Origin = 4, 0 pixels
(0.04, 0 mm)
Size = 2180 x 1368 pixels
(21.8 x 13.68 mm)
Scaling = 10 μ m/pixel
Scanner = GenePix 4100A 01 [92896]
No averaging.
PMT Gain = 600
Laser Power = 100%
Normalization Factor = 1
Filter = 670DF40
Focus Position = 0

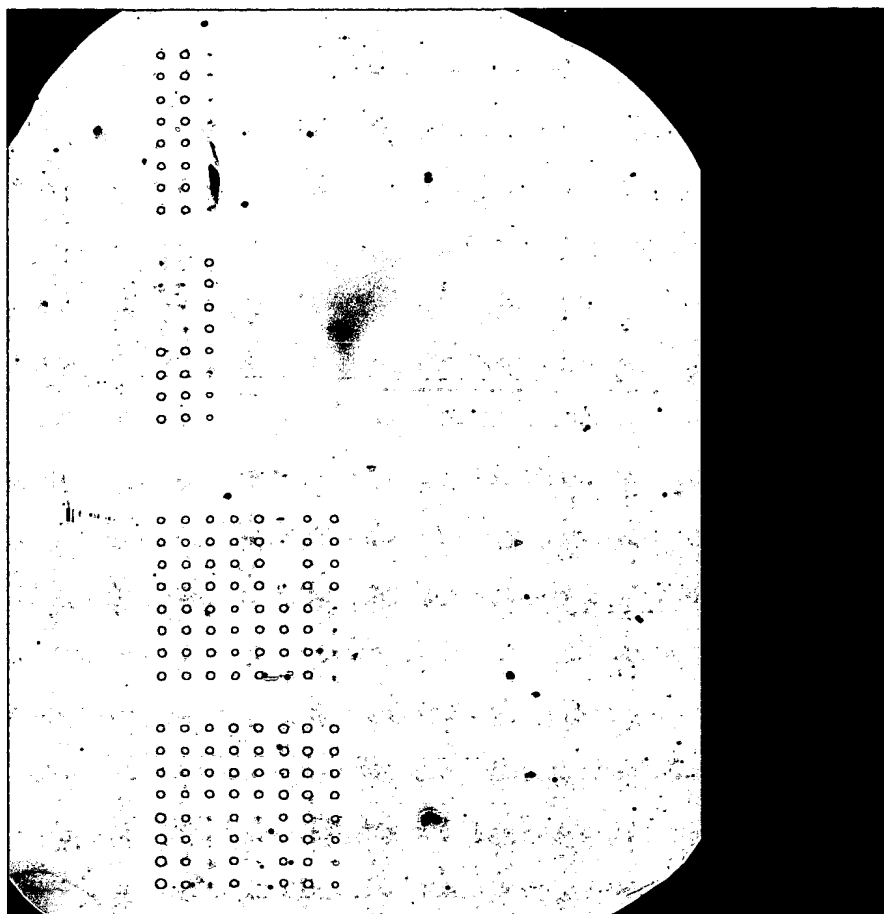


FIG. 46

Origin = 4, 0 pixels
(0.04, 0 mm)
Size = 2180 x 1368 pixels
(21.8 x 13.68 mm)
Scaling = 10µm/pixel
Scanner = GenePix 4100A 01 [92896]
No averaging.
PMT Gain = 560
Laser Power = 100%
Normalization Factor = 1
Filter = 670DF40
Focus Position = 0

FIG.47

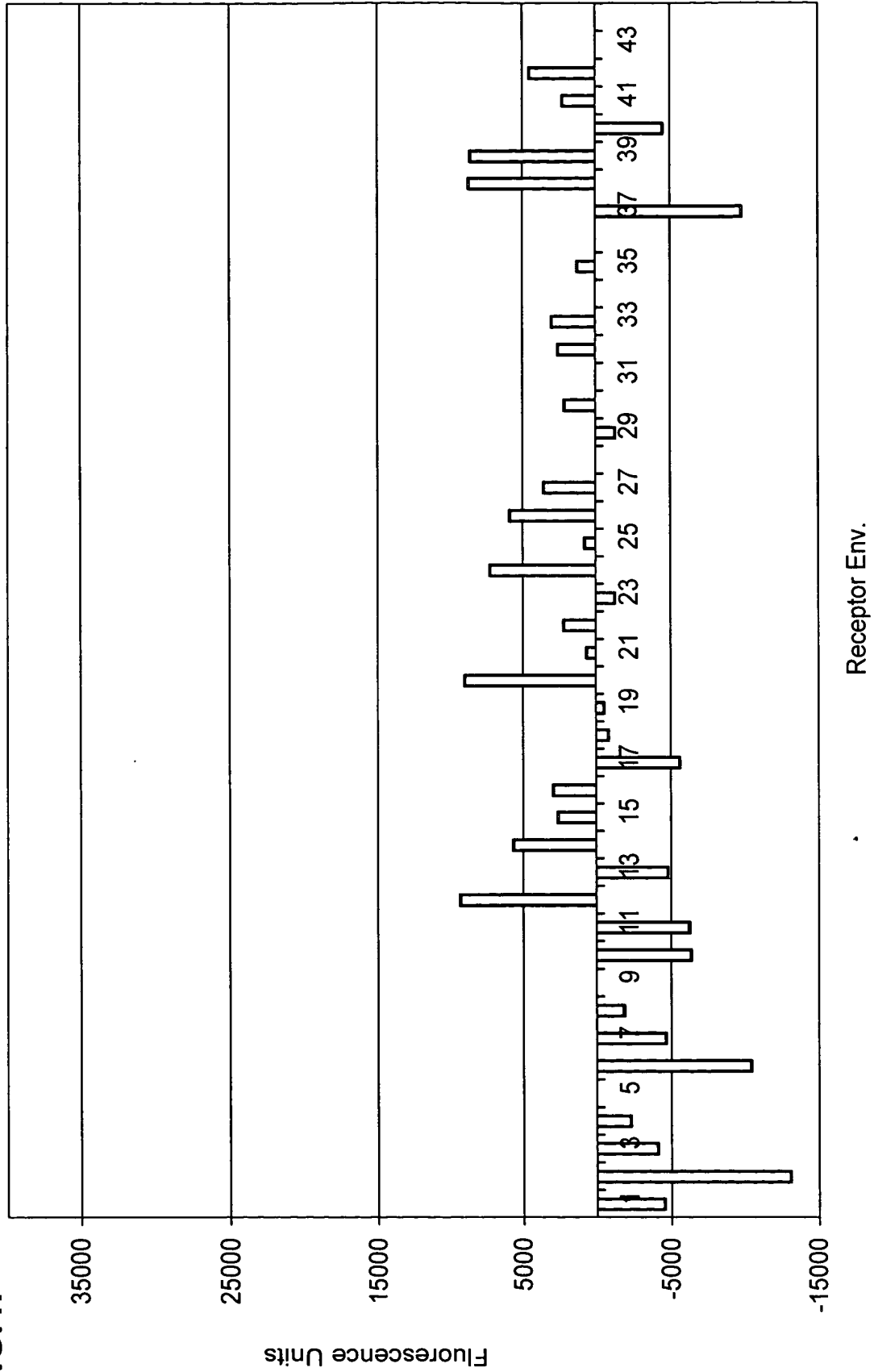


FIG.48

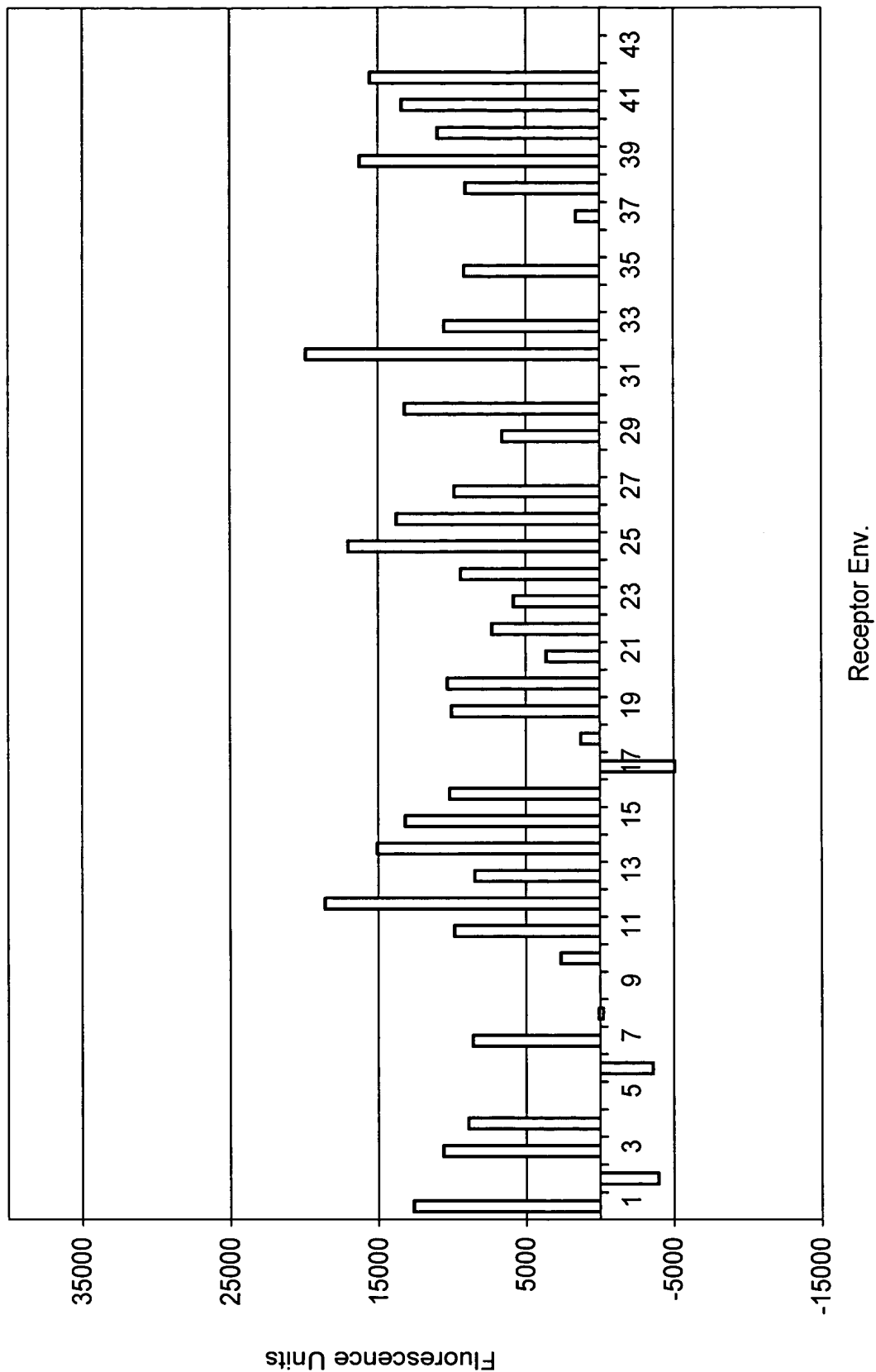


FIG.49

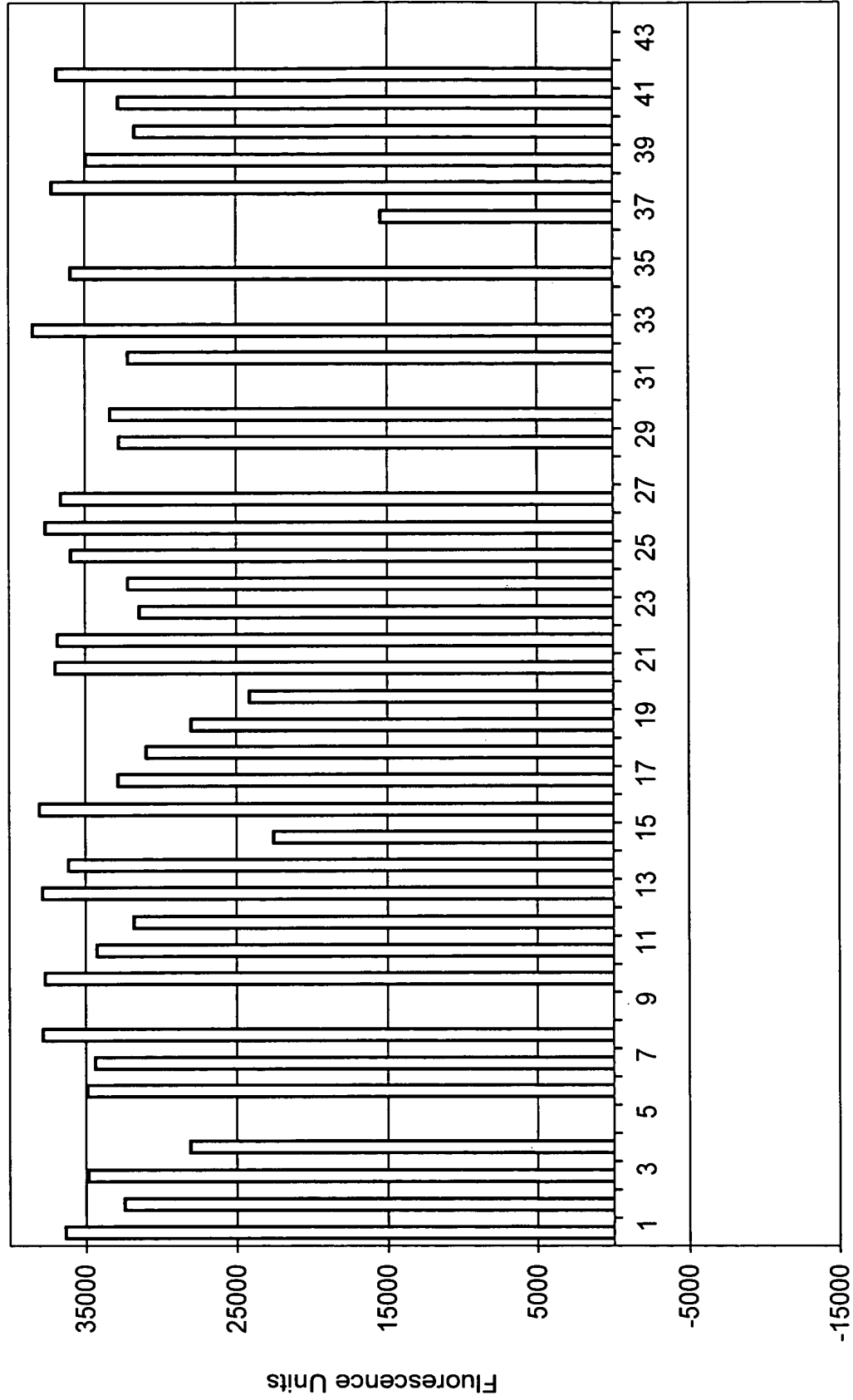
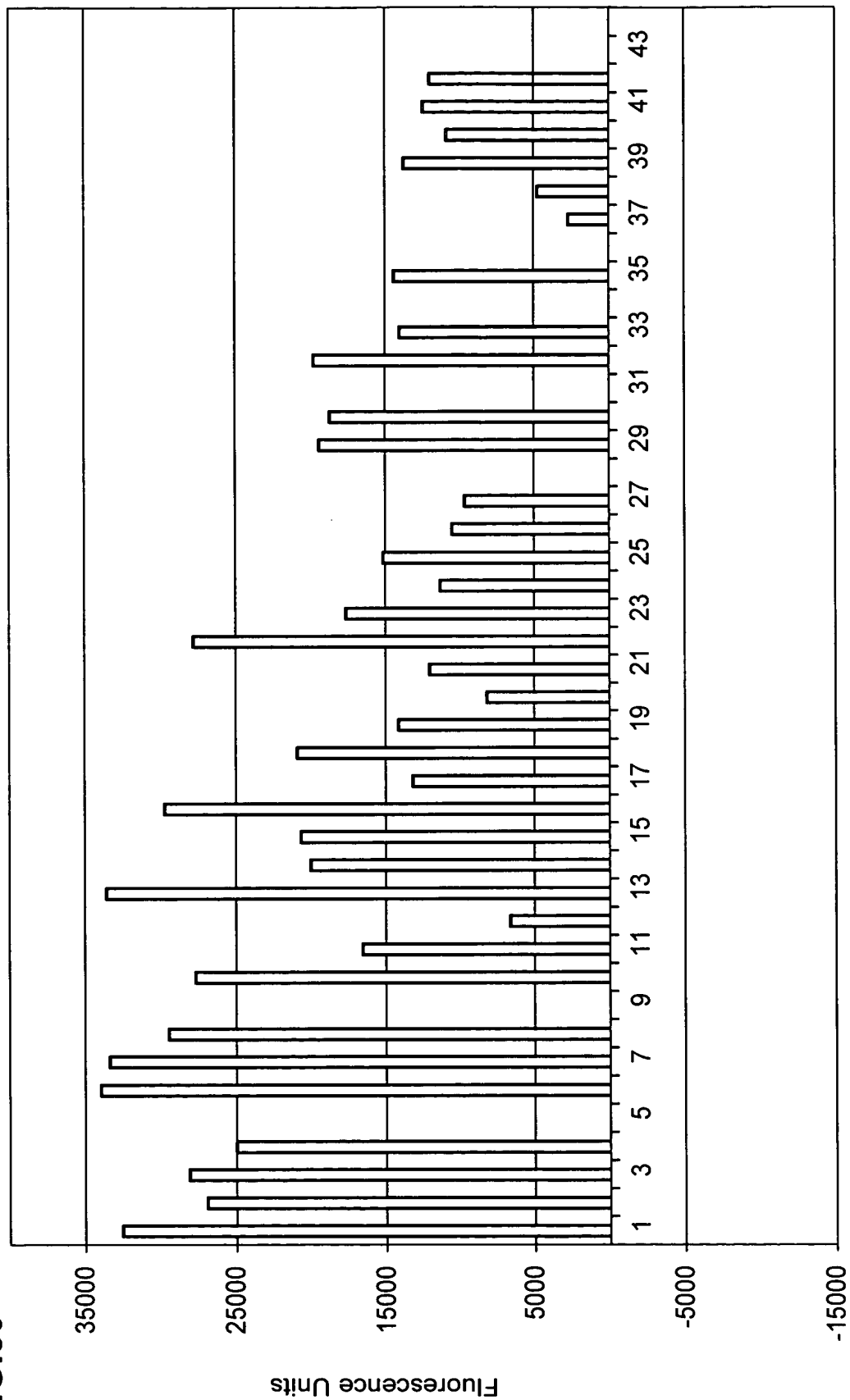
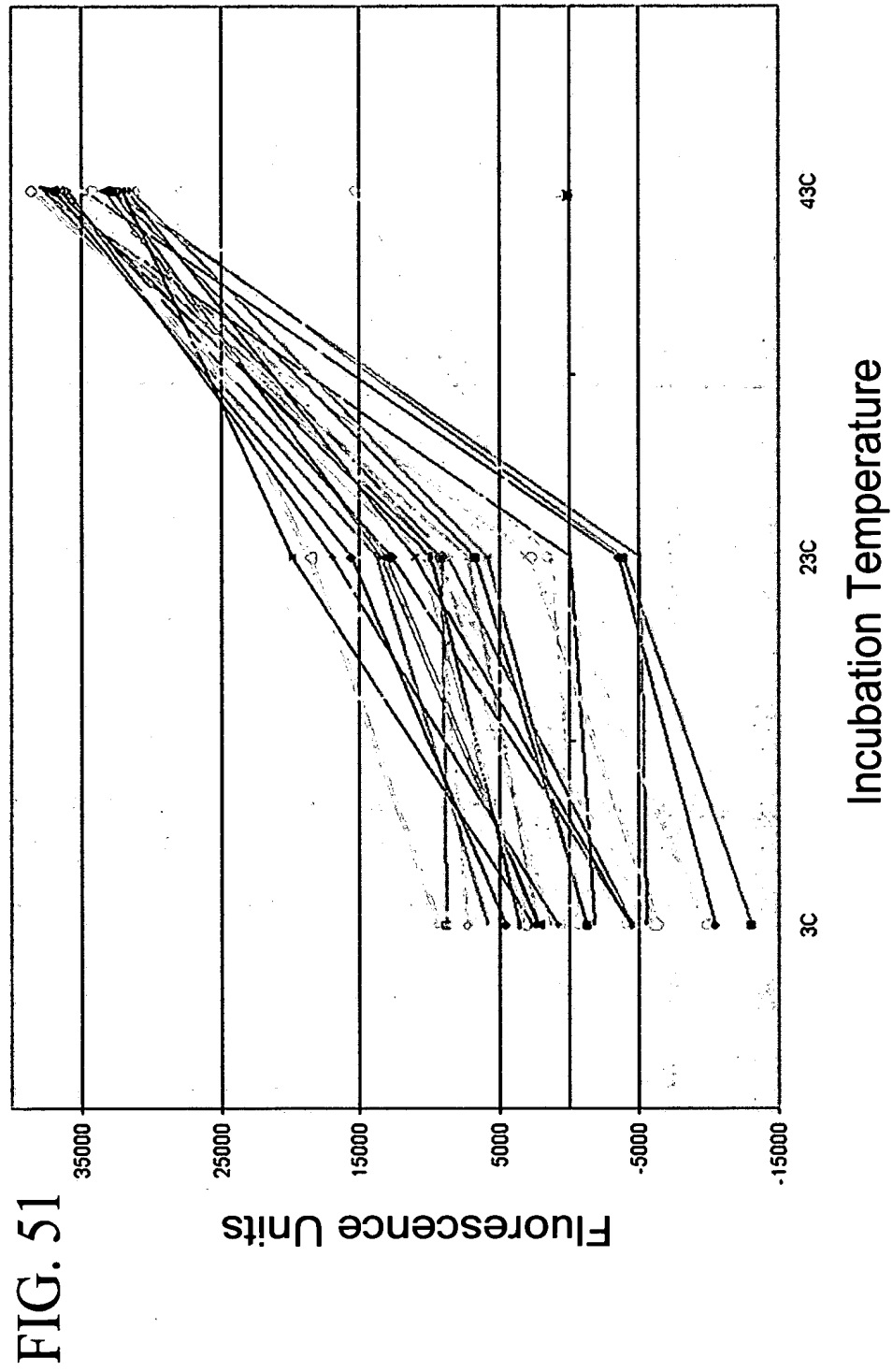


FIG.50





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